

TREVANDRUM
ALMANAC
FOR
1876.

Published by Order
OF
HIS HIGHNESS THE RAJAH
OF
TRAVANCORE

TRAVANCORE SIRCAR PRESS

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AN EPHEMERIS FOR THE YEAR 1876.

ADAPTED TO THE MERIDIAN OF TREVANDRUM

TREVANDRUM OBSERVATORY

Longitude	5h 7m 59s =	76° 59' 45" East.
Latitude		8° 30' 32" North.
Deviation of the Compass		0° 42' 19" East.
Dip	approximately	2° 30' South
Height above the sea		197 feet
Mean temperature of the air in the shade		77° 81 Fah.
Mean temperature of evaporation in the shade		73° 42 Fah
Mean atmospheric pressure		29 681 inches.
Mean vapour pressure		0 778 inch
Mean relative humidity (Saturation=1)		0 812
Mean direction of the wind		W N W
Mean yearly fall of rain		68 36 inches.
Mean yearly evaporation		88 54 inches.



CHRONOLOGICAL NOTES.

GOLDEN NUMBER	15
EPOCH	4
SOLAR CYCLE	9
DOMINICAL LETTER	BA
ROMAN INDICTION	4
JULIAN PERIOD	6589
ERA OF THE CREATION	5880
JEWISH ERA	5637
MAHOMMEDAN ERA	1293
MALABAR ERA	1052

(Comm. Aug 15)

Principal Hindoo Festivals, &c.

JANUARY

1 January Masarumbha	Margaly	18
7 Sorgavathulyakathasy Vratum	"	24
9 Susheendrum Tharottum	"	26
10 Arthratherisanum	"	27
12 Uttarayanarumbha—Trevandrum Magara Syvelly } —Letchathivam	"	20
13 Ootharayanapoonyakalum—Tye Pongal	Tye	1
4 Mauttoo Pongal	"	2

FEBRUARY

2 Sooriasavirnee Mannooathce	"	21
3 Beeshmashtamy—Bootholpathy	"	22
6 Becmyagathasy Vratum	"	25
8 Tye Poonam	"	27
15 Ashtakakalarumbha	Mausy	5
16 Vycathoo Ashtamy	"	6
23 Sivarathree Vratum	"	13

MARCH

26 Chythramasarumbha	Panguny	15
28 Meena Baranee	"	17
30 Trevandrum Codvettoo	"	19

APRIL

2 Sree Rama Navamy	"	22
4 Anullyam Auta Tirunaul— <i>H H The Maharajah's birthday</i> }	"	24
8 Trevandrum Auraut	"	28
12 Astronomical New Year—Vishoo	Chittray	2
26 Atchayathiruteeya	"	16

MAY

5 Chittragubtha Poojah	"	26
8 Agneenatchettra Thosharumbha	"	28
22 Agneenatchettra Thoshavasana	Vaikausy	11

JUNE

5 Visukam Tirunaul— <i>H H The 1st Prince's birthday</i>	"	25
19 Arthrapuravashum	Auny	7
28 Utram Tirunaul— <i>H H Carela Virmah Rajah's birthday</i> }	"	16

JULY

2 Synkathacy Vratum	Anny	20
14 Thetchanayanarumbha—Thetchanayana Poonyakalum } Trevandrum Carcadaga Syvelly }	Audy	1
20 Vavoovaly	"	7
21 Amavasy Poonyakalum	"	8

AUGUST

4 Vara Letchmy Vratum	"	22
12 Barance Tirunaul— <i>H H The Somor Rance s birthday</i>	"	30
14 Audy Auroothee		32
15 Auvany Inappoo	(1052) Auvany	1
23 Vinavaka Chathurthee	"	9
24 Irushy Panchamy	"	10
30 Pareevurthanykathacy Vratum	"	16

SEPTEMBER

1 Tiru Ohnum	"	18
2 Anantha Vratum	"	19
3 Somagrahana Poonyakalum	"	20
4 Mahalaya Puchiarumbha	"	21
6 Ravathee Tirunaul— <i>H H The 4th Prince s birthday</i>	"	23
9 Ashtakakalarumbha	"	26
10 Ashtamy Rohany Vratum		27
17 Mahalyapatchavasana	Purattasy	3
19 Poojah Wipoo	"	5
25 Moolam Tirunaul— <i>H H The 3rd Prince s birthday</i>	"	11
26 Thoorgushtamy	"	12
28 Veejava Thasamy—Poojah Edupoo	"	14

OCTOBER

6 Barance Tirunaul— <i>H H The Junior Rance s birthday</i>	"	22
15 Narakachathurthasy—Toepaules (<i>after Sunset</i>)	Arpasv	1
16 Kathara Vratum	"	2
17 Trevandrum Codvettoo	"	3
25 Utradum Tirunaul— <i>H H The Elia Rajah s birthday</i>	"	11
26 Trevandrum Aurant	"	12
29 Othuvanikathacy Vratum	"	15

NOVEMBER

24 Chathavum Tirunaul— <i>H H The 6th Prince s birthday</i>	Kartigay	11
27 Gooroovaurakathacy Vratum	"	14
28 Assuvathy Tirunaul— <i>H H The 7th Prince s birthday</i>	"	15
30 Koomaranulloor Kartigay	"	17

DECEMBER

8 Vycathoo Ashtamy		25
27 Sorgavathil Agathacy Vratum	Margaly	14
30 Susheendrum Tharottum	"	17
31 Arthatharisanum	"	18

ENGLISH AND MALABAR MONTHS.

ENGLISH		MALABAR
January	1	18th Margaly
"	13	1st Tye or Magaram
February	11	1st Mausy or Coombhum
March	12	1st Punguny or Menum
April	11	1st Chittray or Vadum
May	12	1st Vaikansv or Eddavum
June	13	1st Auny or Methunum
July	14	1st Audy or Carcadagum
August	15	1st Auvany or Chingum
September	15	1st Purattasy or Cuny
October	15	1st Arpasy or Foolam
November	14	1st Karttkey or Vrecheem
December	14	1st Margaly or Dhanoo
	31	14th Margaly

ENGLISH AND CORRESPONDING MALABAR YEARS

ENGLISH	MALABAR	ENGLISH	MALABAR	ENGLISH	MALABAR	ENGLISH	MALABAR
1801	976-7	1826	1001-2	1851	1026-7	1876	1051-2
1802	977-8	1827	1002-3	1852	1027-8	1877	1052-3
1803	978-9	1828	1003-4	1853	1028-9	1878	1053-4
1804	979-0	1829	1004-5	1854	1029-0	1879	1054-5
1805	980-1	1830	1005-6	1855	1030-1	1880	1055-6
1806	981-2	1831	1006-7	1856	1031-2	1881	1056-7
1807	982-3	1832	1007-8	1857	1032-3	1882	1057-8
1808	983-4	1833	1008-9	1858	1033-4	1883	1058-9
1809	984-5	1834	1009-0	1859	1034-5	1884	1059-0
1810	985-6	1835	1010-1	1860	1035-6	1885	1060-1
1811	986-7	1836	1011-2	1861	1036-7	1886	1061-2
1812	987-8	1837	1012-3	1862	1037-8	1887	1062-3
1813	988-9	1838	1013-4	1863	1038-9	1888	1063-4
1814	989-0	1839	1014-5	1864	1039-0	1889	1064-5
1815	990-1	1840	1015-6	1865	1040-1	1890	1065-6
1816	991-2	1841	1016-7	1866	1041-2	1891	1066-7
1817	992-3	1842	1017-8	1867	1042-3	1892	1067-8
1818	993-4	1843	1018-9	1868	1043-4	1893	1068-9
1819	994-5	1844	1019-0	1869	1044-5	1894	1069-0
1820	995-6	1845	1020-1	1870	1045-6	1895	1070-1
1821	996-7	1846	1021-2	1871	1046-7	1896	1071-2
1822	997-8	1847	1022-3	1872	1047-8	1897	1072-3
1823	998-9	1848	1023-4	1873	1048-9	1898	1073-4
1824	999-0	1849	1024-5	1874	1049-0	1899	1074-5
1825	1000-1	1850	1025-6	1875	1050-1	1900	1075-6

Eclipses of the Sun and Moon.

In the Year 1876, there will be two *Eclipses* of the SUN and
two of the MOON

I.—A *Partial Eclipse* of the Moon, March 10, 1876, *invisible*
at Trevandrum

II.—An *Annular Eclipse* of the SUN, March 25, 1876, *in-*
visible at Trevandrum

III.—A *Partial Eclipse* of the Moon, September 3-4, 1876,
visible at Trevandrum.

	<i>d</i>	<i>h</i>	<i>m</i>	
First contact with the Penumbra	3	11	55	PM
First contact with the Shadow	4	1	23	AM
Middle of the Eclipse	"	2	30	"
Last contact with the Shadow	"	3	37	"
Last contact with the Penumbra	"	5	51	"

Mean Time
at
Trevandrum.

Entire duration=5h 9m

Duration from the first to last contact with dark Shadow 2h
13 8m

Magnitude of the *Eclipse* (Moon's diameter=1) 0 341

The first contact with the Shadow occurs at 8° from the
Northernmost point of the Moon's limb towards the East

The last contact at 63° towards the West, in each case for
direct image

IV.—A *Total Eclipse* of the Sun, September 18, 1876 *in-*
visible at Trevandrum

JANUARY

1978
1951

Day of Week	Day of Month	Malabar date	SUN'S		Age	MOON'S		
			Mean Time Trevandrum.			Mean Time Trevandrum.		
			Rising	Setting.		Mean Noon	Rising	Meridian Passage.	Setting
Sat.	1	18	h m	h m	d	h m	h m	h m
			6 16	5 52	45	22 19	3 39	9 41
SUN	2	19	6 16	5 52	55	22 58	4 22	10 28
Mon	3	20	6 17	5 53	65	23 38	5 5	11 15
Tues	4	21	6 17	5 53	75	—	5 50	12 4
Wed	5	22	6 17	5 54	85	0 20	6 37	12 56
Thur	6	23	6 18	5 54	95	1 6	7 28	13 52
Fri.	7	24	6 18	5 55	105	1 57	8 24	14 54
Sat.	8	25	6 18	5 55	115	2 55	9 26	15 59
SUN	9	26	6 19	5 56	125	3 58	10 32	17 6
Mon	10	27	6 19	5 56	135	5 6	11 40	18 13
Tues	11	28	6 19	5 57	145	6 13	12 44	19 13
Wed	12	29	6 20	5 57	155	7 17	13 44	20 6
Thur	13	1	6 20	5 58	165	8 15	14 37	20 56
Fri	14	2	6 20	5 58	175	9 10	15 26	21 40
Sat	15	3	6 20	5 59	185	10 0	16 11	22 20
SUN	16	4	6 21	5 59	195	10 47	16 54	22 59
Mon	17	5	6 21	6 0	205	11 34	17 37	23 38
Tues	18	6	6 21	6 0	215	12 20	18 20	—
Wed	19	7	6 21	6 1	225	13 7	19 4	0 18
Thur	20	8	6 21	6 1	235	13 56	19 51	1 0
Fri.	21	9	6 22	6 2	245	14 47	20 40	1 45
Sat	22	10	6 22	6 2	255	15 38	21 30	2 32
SUN	23	11	6 22	6 2	265	16 30	22 22	3 23
Mon	24	12	6 22	6 3	275	17 21	23 14	4 15
Tues	25	13	6 22	6 3	285	18 9	—	5 7
Wed	26	14	6 22	6 4	295	18 55	0 4	5 59
Thur	27	15	6 22	6 4	07	19 37	0 52	6 50
Fri	28	16	6 22	6 4	17	20 18	1 37	7 38
Sat.	29	17	6 22	6 5	27	20 58	2 21	8 26
SUN	30	18	6 22	6 5	37	21 38	3 5	9 13
Mon	31	19	6 22	6 5	47	22 18	3 48	10 1

1876
1881

JANUARY.

PHASES OF THE MOON

	d	h.	m.		d	h.	m.
☾ First Quarter	4	8	31 3 P M	☾ New Moon	26	6	49 4 P M
☾ Full Moon	11	11	31 0 A M	☾ Perigee	10	9	A M
☾ Last Quarter	18	1	57 8 P M	☾ Apogee	22	2	P M

THE PLANETS

♿ MERCURY					♀ VENUS					♂ MARS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		Rising	Merid. Passage	Setting	Declination	
1	10 36	0 0	6 3	8 34 43	20	1	1 48	7 45	8 20 39	23	41	4 38	10 23	8. 4 59
11	10 5	0 51	6 37	23 7	20	11	2 0	7 49	17 16	23	26	4 28	10 24	1 67
21	10 29	1 18	7 7	17 3	20	17	2 9	8 1	13 4	22	12	4 12	10 12	N 1 4
31	10 29	1 22	7 15	11 6	20	21	2 16	8 11	8 20	21	56	3 59	10 0	4 3

♃ JUPITER					♄ SATURN					♅ URANUS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		Rising	Merid. Passage	Setting	Declination	
1	14 55	20 46	2 34	8 17 54	21	13	3 2	8 37	8 15 9	8	38	14 46	20 58	N 15 40
11	14 29	20 17	2 0	15 18	20	30	2 27	8 18	14 41	7	64	14 4	20 14	15 47
21	13 51	19 59	1 27	18 40	20	1	1 54	43	14 19	7	15	13 25	19 36	15 55
31	13 17	19 5	0 46	18 8	19	26	1 37	7 8	13 56	6	32	13 43	18 52	16 4

The mean fall of rain from 27 years' observations (1838-64) in January at Trevandrum Observatory is eight tenths of an inch (0.8 in.)

In the five years 1840 54 56 60 and 64 no rain fell in January

There are equal chances that the fall of rain in January will be under or above four tenths of an inch (0.4 in.)

There are four chances to one that the fall will not be more than one inch and two tenths (1.2 in.)

The greatest falls in January were in 1853 4.3 in. in 1842 and 1845 2.7 in.

The average number of days in which rain fell in January was two and five tenths (2.5 d.)

The average daily fall of rain on the days during which it rained in January was 0.32 in.

The mean difference for January is 0.79 in. *

The mean temperature in the shade for January from eleven years' observations (July 1853-June 1864) is

76.44 Fahr

The monthly mean temperature varied in the

eleven years between

75.22 & 78.27

The daily

do

do

72.91, 80.97

The highest observed temperature

do

85.8, 88.4

The lowest

do

do

68.5, 67.2

The differences of the monthly falls from the mean of the whole twenty-seven months being taken and the sum of the differences being divided by 27 the mean difference is obtained. This mean difference is about one-tenth greater than what is called the probable error and is a measure of the variability of the amount of fall for the month in different years.

JANUARY.

1878
1851

Day of Month	REMARKABLE EVENTS
S 1	Circumcision—Union of Ireland with great Britain, 1801 [Suraja Dowlah, 1757]
S. 2	2 Sunday after Christmas —Calcutta retaken from
M 3	West Indies discovered, 1492
Tu 4	Irawaddi forced by the British, 1852
W 5	British Troops evacuated Cabul, 1842
Th 6	Epiphany —Pondicherry taken, 1761
F 7	Cabul Massacre, 1842
S 8	Cape of Good Hope taken by Sir D Baird, 1806
S. 9	1 Sunday after Epiphany —Prince Edward of Wales born, 1860 —Napoleon III ex Emperor of the French [died at Chislehurst in England.]
M. 10	
Tu 11	Capture of Trincomallee, 1705
W 12	Rt Hon the Earl of Mayo took his seat in Supreme
Th 13	Battle of Chillianwalla, 1849 [Council, Calcutta, 1869]
F 14	
S 15	Madras University opened, 1853
S. 16	2 Sunday after Epiphany —Battle of Corunna and
M 17	Franklin born, 1706 [death of Sir John Moore 1809]
Tu 18	Capture of Bhurtpore, 1826
W 19	Capture of Aden 1839
Th 20	First English Parliament, 1265 —Battle of Goojerat, 1850
F 21	Inauguration of the Winkulley Junction Canal Works [by H H the Maharajah, 1870]
S 22	St Vincent —Surrender of Mooltan, 1849
S. 23	3 Sunday after Epiphany —Ava captured, 1808
M 24	Mutiny at Barrackpore and Berrimpore 1857
Tu 25	CONVERSION OF ST PAUL —Pacification of Oude, 1859 — [Princess Royal married, 1858]
W 26	Singapore taken, 1819
Th 27	Prince Frederick William of Prussia born, 1850
F 28	Battle of Alcockwall, 1846 [1820]
S 29	King Charles I beleagued, 1647 —King George III died
S. 30	4 Sunday after Epiphany —
M 31	Mutiny at Vellore, 1807

1876
1881

FEBRUARY

Day of Week	Day of Month	Malabar Date	SUN S		Age	MOON S		
			Mean Time Trevandrum			Mean Time Trevandrum		
			Rising	Setting	Mean Noon	Rising	Meridian Passage.	Setting
			h m	h m	d	h m	h m	h m
Tues	1	20	6 22	6 6	57	23 2	4 33	10 51
Wed	2	21	6 22	6 6	67	23 50	5 22	11 45
Thur	3	22	6 22	6 6	77	—	6 14	12 42
Fri	4	23	6 22	6 7	87	0 43	7 12	13 44
Sat.	5	24	6 22	6 7	97	1 42	8 15	14 48
SUN	6	25	6 22	6 7	107	2 46	9 20	15 53
Mon	7	26	6 22	6 7	117	3 51	10 24	16 55
Tues	8	27	6 21	6 8	127	4 56	11 25	17 52
Wed.	9	28	6 21	6 8	137	5 57	12 22	18 43
Thur	10	29	6 21	6 8	147	6 54	13 13	19 29
Fri	11	1	6 21	6 8	157	7 46	14 0	20 12
Sat	12	2	6 21	6 8	167	8 36	14 45	20 52
SUN	13	3	6 21	6 9	177	9 24	15 29	21 32
Mon	14	4	6 20	6 9	187	10 12	16 13	22 13
Tues	15	5	6 20	6 9	197	11 0	16 58	22 54
Wed	16	6	6 20	6 9	207	11 49	17 44	23 38
Thur	17	7	6 20	6 9	217	12 39	18 32	—
Fri	18	8	6 19	6 9	227	13 31	19 23	0 25
Sat	19	9	6 19	6 10	237	14 22	20 14	1 15
SUN	20	10	6 19	6 10	247	15 13	21 6	2 6
Mon	21	11	6 18	6 10	257	16 3	21 57	2 59
Tues	22	12	6 18	6 10	267	16 50	22 46	3 51
Wed	23	13	6 18	6 10	277	17 34	23 33	4 43
Thur	24	14	6 17	6 10	287	18 16	—	5 33
Fri	25	15	6 17	6 10	00	18 57	0 18	6 21
Sat	26	16	6 17	6 10	10	19 37	1 2	7 9
SUN	27	17	6 16	6 10	20	20 18	1 46	7 58
Mon	28	18	6 16	6 10	30	21 1	2 32	8 48
Tues	29	19	6 16	6 10	40	21 47	3 19	9 41

FEBRUARY.

1876
1851

PHASES OF THE MOON

	d	h	m		d	h	m
☾ First Quarter	8	7	10 AM	● New Moon	25	11	28 3 AM
☾ Full Moon	9	10	54 7 PM	☾ Perigee	7	3	PM
☾ Last Quarter	17	10	37 AM	☾ Apogee	19	9	AM

THE PLANETS.

Date	♿ MERCURY				♀ VENUS				♂ MARS			
	Rising	Merid. Passage	Setting	Decl. nation.	Rising	Merid. Passage	Setting	Decl. nation.	Rising	Merid. Passage	Setting	Decl. nation.
	A. M.	A. M.	A. M.	°	A. M.	A. M.	A. M.	°	A. M.	A. M.	A. M.	°
1	12 27	1 21	7 18	8 10 38	20 21	2 16	8 31	8 1 50	21 44	3 57	10 0	N 4 21
11	13 32	0 30	6 20	9 20	20 24	2 22	8 30	2 22	21 40	3 44	9 48	7 15
21	17 11	23 3	4 55	13 9	20 25	2 26	8 27	N 2 23	21 35	3 31	8 27	10 1
28	18 44	22 35	4 26	15 0	20 25	2 28	8 23	6 41	21 14	2 20	8 27	12 7

Date	♃ JUPITER				♄ SATURN				♅ URANUS			
	Rising	Merid. Passage	Setting	Decl. nation.	Rising	Merid. Passage	Setting	Decl. nation.	Rising	Merid. Passage	Setting	Decl. nation.
	A. M.	A. M.	A. M.	°	A. M.	A. M.	A. M.	°	A. M.	A. M.	A. M.	°
1	13 13	19 1	0 48	0 18 59	19 21	1 17	7 5	8 12 33	6 28	12 38	18 48	N 16 4
11	13 39	18 27	0 18	19 13	18 47	0 39	6 31	11 29	5 53	12 3	18 16	16 13
21	12 7	17 51	23 38	18 23	18 12	0 4	5 55	13 4	5 6	11 16	17 26	18 20
28	11 24	17 22	23 15	18 29	17 41	23 33	5 25	12 44	4 28	10 43	16 53	16 26

The mean fall of rain is 0.55in

No rain fell in 12 of the 27 months (1836-64.)

There are equal chances that the fall will be more or less than 0.05in

There are four chances to one that the fall will not be more than 0.8in

The greatest falls in February were in 1847 4.41in. and 1855 3.02in

The average number of days in which rain fell in February was 1.6d.

The average daily fall of rain on the days during which it rained in February was 0.34in

The mean difference for February is 0.71in.

The mean temperature in the shade for February from eleven years' observations

77.89 Fahr

The monthly mean temperature varied in the eleven years between

76.65 & 79.02

The daily do do do 72.77 " 83.90 "

The highest observed temperature do. 86.7 " 92.0 "

The lowest do do do 64.3 " 69.1 "

1878
1851

FEBRUARY.

Day of
Month

REMARKABLE EVENTS

- | | | |
|----|----|--|
| Tu | 1 | Investiture of His Highness the Maharajah of Travancore, with the Insignia of Knight Grand Commander of the Star of India, 1867 |
| W | 2 | PURIFICATION OF B V MARY |
| Th | 3 | Revolution in Ava, 1853 |
| F | 4 | |
| S | 5 | The order of St Patrick instituted, 1782 |
| S. | 6 | 5 Sunday after Epiphany — Tippoo defeated by Lord |
| M | 7 | Annexation of Oude, 1856 [Cornwallis, 1792] |
| Tu | 8 | Indo Eur Telegraph via Persia and Turkey opened, 1866 — Earl Mayo the Viceroy and Governor General assassinated at Port Blair Andamans by a convict Sher Ali 1872. |
| W | 9 | Treaty of Calcutta, 1757 |
| Th | 10 | Marriage of Queen Victoria, 1840 |
| F | 11 | Battle of Sattara, 1818 |
| S | 12 | Hail storm at Benares, 1831 |
| S. | 13 | Septuagesima Sunday — Madras Medical College established, 1835 |
| M | 14 | ST VALENTINE — British crossed the Indus 1839 for Afghanistan — Serious Riot in Bombay by the Mahomedan Inhabitants |
| Tu | 15 | |
| W | 16 | Battle of Kandy, 1815 — Peace with Burmah, 1826 |
| Th | 17 | Battle of Meeanee (Scinde) 1843 |
| F | 18 | |
| S | 19 | Surrender of Hyderabad in Scinde, 1843 |
| S. | 20 | Sexagesima Sunday — Battle of Goojrat, 1849 — Lord and Lady Napier and suite arrived at Travandrum by steamer Burmah, 1866 |
| M | 21 | Lahore taken, 1846 |
| Tu | 22 | Peace with Tippoo Saib, 1792 |
| W | 23 | Louis Philippe, King of France dethroned, 1848 |
| Th | 24 | ST MATTHIAS APOSTLE |
| F | 25 | Napoleon I escaped from Elba, 1815 |
| S | 26 | Batany at Berhampore, 1857 |
| S. | 27 | Quinquagesima or Shrove Sunday — General thanksgiving throughout India on account of recovery of Prince |
| M | 28 | SERVOE MONDAY — Nepaulesse defeated, 1816 [of Wales. |
| Tu | 29 | SERVOE TUESDAY |

MARCH.

1876
1881

Day of Week	Day of Month.	Malabar date	SUN'S		Age	MOON'S		
			Mean Time Trevandrum			Mean Noon.	Mean Time Trevandrum	
			Rising	Setting			Rising	Meridian Passage.	Setting
			A m	A m	d	A m	h m	A m
Wed	1	20	6 15	6 10	5 0	22 38	4 11	10 37
Thur	2	21	6 15	6 10	6 0	23 35	5 6	11 37
Fri	3	22	6 14	6 10	7 0	—	6 6	12 40
Sat.	4	23	6 14	6 10	8 0	0 36	7 9	13 43
SUN	5	24	6 13	6 10	9 0	1 39	8 12	14 44
Mon	6	25	6 13	6 10	10 0	2 42	9 13	15 41
Tues	7	26	6 12	6 10	11 0	3 43	10 9	16 33
Wed	8	27	6 12	6 10	12 0	4 40	11 1	17 20
Thur	9	28	6 11	6 10	13 0	5 34	11 50	18 4
Fri.	10	29	6 11	6 10	14 0	6 24	12 36	18 45
Sat	11	30	6 10	6 10	15 0	7 13	13 20	19 25
SUN	12	1	6 10	6 10	16 0	8 1	14 4	20 6
Mon	13	2	6 9	6 10	17 0	8 50	14 49	20 47
Tues	14	3	6 9	6 10	18 0	9 39	15 36	21 31
Wed.	15	4	6 8	6 10	19 0	10 30	16 24	22 17
Thur	16	5	6 8	6 10	20 0	11 21	17 14	23 6
Fri	17	6	6 7	6 10	21 0	12 14	18 5	23 57
Sat	18	7	6 7	6 10	22 0	13 5	18 57	—
SUN	19	8	6 6	6 10	23 0	13 55	19 48	0 49
Mon	20	9	6 6	6 10	24 0	14 42	20 37	1 42
Tues	21	10	6 5	6 10	25 0	15 27	21 25	2 33
Wed.	22	11	6 5	6 10	26 0	16 10	22 11	3 23
Thur	23	12	6 4	6 10	27 0	16 51	22 55	4 12
Fri.	24	13	6 4	6 10	28 0	17 32	23 40	5 1
Sat	25	14	6 3	6 10	29 0	18 13	—	5 50
SUN	26	15	6 3	6 9	0 5	18 57	0 28	6 40
Mon	27	16	6 2	6 9	1 5	19 43	1 14	7 33
Tues	28	17	6 2	6 9	2 5	20 34	2 5	8 30
Wed	29	18	6 1	6 9	3 5	21 30	3 0	9 30
Thur	30	19	6 1	6 9	4 5	22 30	4 0	10 33
Fri	31	20	6 0	6 8	5 5	23 32	5 3	11 37

1874
1881

MARCH.

PHASES OF THE MOON

	d	h	m.		d	h	m.
) First Quarter	3	2	53 5 P.M.	(Perigee	5	7	P.M.
☾ Full Moon	10	11	20 1 A.M.	(Apogee	18	5	A.M.
(Last Quarter	18	6	32 4 A.M.	(Perigee	30	3	P.M.
● New Moon	26	1	19 5 A.M.				

THE PLANETS.

♿ MERCURY				♀ VENUS				♂ MARS			
Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
h m	h m	h m	° ' "	h m	h m	h m	° ' "	h m	h m	h m	° ' "
1 16 42	22 28	4 34	18 5	20 26	3 30	8 34	N 7 11	21 12	3 10	9 26	N 12 23
11 16 37	22 26	4 18	14 37	20 27	3 34	8 41	12 6	20 59	3 7	9 16	14 49
21 16 45	22 28	4 31	11 16	20 30	3 40	8 50	18 28	20 45	2 55	9 5	17 2
31 16 50	22 26	4 53	6 54	20 33	3 46	8 59	20 25	20 31	2 45	9 55	19 1

♃ JUPITER				♄ SATURN				♅ URANUS			
Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
h m	h m	h m	° ' "	h m	h m	h m	° ' "	h m	h m	h m	° ' "
1 11 30	17 18	23 6	8 19 20	17 37	23 20	5 21	5 12 42	4 39	10 39	16 49	N 16 27
11 10 52	16 40	22 26	19 23	17 2	23 54	4 45	12 18	3 43	9 56	16 8	18 23
21 10 13	16 1	21 43	19 33	16 27	23 30	4 13	11 54	3 5	9 18	15 28	16 39
31 9 23	15 20	21 6	10 37	15 51	21 44	3 37	11 35	2 27	8 37	14 47	16 42

The mean fall of rain is 1.96in.

No months without rain. The least falls were in 1850, 0.05in., in 1851, 0.18in. and in 1864, 0.01in.

There are equal chances that the fall will be more or less than 1 4in.

There are four chances to one that the fall will not exceed 2 9in.

The greatest falls in March were in 1833 8 4in. and 1845 5 4in.

The average number of days in which rain fell in March was 42d.

The average daily fall of rain on the days during which it rained in March was 0.47in.

The mean difference for March is 1.39in.

The mean temperature in the shade for March from eleven years' observations

80° 23 Fahr

The monthly mean temperature varied in the eleven years between

79° 45 & 81° 69 "

The daily do. do do 74° 32 , 83° 00 "

The highest observed temperature do. 88° 4 , 91° 6 "

The lowest do do do 63° 8 , 71° 7 "

MARCH

1876
1851Day of
Month.

REMARKABLE EVENTS

W	1	Ash-Wednesday.—St DAVID.
Th	2	Sovereignty of Ceylon assumed by the English, 1815
F	3	Napoleon I. returned from Elba, 1815
S	4	
S.	5	Quadragesima or 1 Sunday in Lent
M	6	Peace of Seringapatam, 1792 [galore, 1791
Tu	7	Union of Scotland with England, 1707—Siege of Ban
W	8	Siege of Lucknow, 1858
Th	9	Treaty of Lahore, 1846.
F	10	Prince of Wales married, 1863
S	11	
S.	12	2 Sunday in Lent—End of Nepal War, 1816—Lord
M	13	[Elgin appointed Governor General of India, 1862
Tu	14	The Sikh Army surrendered, 1842
W	15	The Madras Industrial Exhibition opened, 1853
Th	16	Prince Imperial of France born, 1856
F	17	St PATRICK
S	18	Princess Louisa Caroline Alberta born, 1840
		[cord, B. C 720—Capture of Lucknow, 1858
S.	19	3 Sunday in Lent—First Eclipse of the Moon on re-
M	20	Bangalore taken 1791—Opening of the New College and laying down
		of the first stone of the Napier Museum in the Public Gardens
		by His Highness the Maha Rajah.
Tu	21	Battle of Alexandria, 1801—Lucknow recaptured by
W	22	[Sir Colin Campbell
Th	23	Chandernagore taken 1757
F	24	Battle of Hyderabad (Scinde) 1843
S	25	ANNUNCIATION OF B V MARY—LADY DAY
		[India, 1853
S.	26	4 Sunday in Lent—Furious hurricane in Southern
M	27	Defeat of Tippoo Saib, 1799—Lord Napier arrived at
		[Madras, 1866
Tu	28	Stoppage of the China trade, 1839—England declared
		[War with Russia, 1854
W	29	Planet Vesta discovered, 1807—Annexation of the Pun
		[saib, 1849
Th	30	Capitulation of Paris, 1818—Fall of Asseerghur, 1819
F	31	Madras Troops embarked for Burmah, 1852.

1878
1931

APRIL

Day of Week	Day of Month	Malabar date	SUN S			MOON S		
			Mean Time Trevandrum		Age	Mean Time Trevandrum		
			Rising	Setting		Rising	Meridian Passage	Setting
			h m	h m	d	h m	h m	h m
Sat	1	21	6 0	6 9	63	—	6 6	12 38
SUN	2	22	5 59	6 9	75	0 34	7 7	13 36
Mon	3	23	5 59	6 9	85	1 36	8 3	14 28
Tues	4	24	5 58	6 9	95	2 33	8 58	15 15
Wed	5	25	5 58	6 9	105	3 26	9 44	15 59
Thur	6	26	5 57	6 9	115	4 17	10 30	16 40
Fri	7	27	5 57	6 9	125	5 5	11 14	17 20
Sat	8	28	5 56	6 9	135	5 53	11 57	18 0
SUN	9	29	5 56	6 9	145	6 41	12 42	18 41
Mon	10	30	5 55	6 8	155	7 30	13 28	19 24
Tues	11	1	5 55	6 8	165	8 20	14 15	20 10
Wed	12	2	5 54	6 8	175	9 12	15 5	20 58
Thur	13	3	5 54	6 8	185	10 4	15 56	21 48
Fri	14	4	5 53	6 8	195	10 56	16 48	22 40
Sat	15	5	5 53	6 8	205	11 47	17 39	23 32
SUN	16	6	5 52	6 8	215	12 35	18 29	—
Mon	17	7	5 52	6 8	225	13 20	19 16	0 23
Tues	18	8	5 51	6 8	235	14 3	20 2	1 13
Wed	19	9	5 51	6 8	245	14 45	20 47	2 2
Thur	20	10	5 50	6 8	255	15 25	21 31	2 50
Fri	21	11	5 50	6 8	265	16 6	22 16	3 39
Sat	22	12	5 49	6 8	275	16 48	23 3	4 28
SUN	23	13	5 49	6 8	285	17 33	23 53	5 21
Mon	24	14	5 48	6 8	00	18 23	—	6 16
Tues	25	15	5 48	6 8	10	19 19	0 49	7 17
Wed	26	16	5 47	6 8	20	20 19	1 49	8 21
Thur	27	17	5 47	6 8	30	21 23	2 52	9 26
Fri	28	18	5 47	6 8	40	22 28	3 57	10 31
Sat	29	19	5 46	6 8	50	23 30	5 0	11 31
SUN	30	20	5 46	6 8	60	—	5 59	12 25

APRIL.

1878
1851

PHASES OF THE MOON

	d.	h.	m.		d.	h.	m.
☾ First Quarter	1	9	19 8 P.M.	● New Moon	24	0	11 3 P.M.
☾ Full Moon	9	0	46 7 A.M.	☾ Apogee	15	1	A.M.
☾ Last Quarter	17	1	45 4 A.M.	☾ Perigee	26	9	P.M.

THE PLANETS

☿ MERCURY					♀ VENUS					♂ MARS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage
1	17 1	22 58	4 55	3. 5 18	20 23	3 48	8 59	20 46	18 25	2 42	6 54	19 12	17 1	22 58
11	17 32	23 23	5 24	N 2 11	20 38	3 53	9 8	23 41	20 17	2 30	6 43	20 59	17 32	23 23
21	17 52	23 58	6 4	10 55	20 44	3 9	9 16	26 40	20 8	2 19	6 35	22 14	17 52	23 58
30	18 21	0 32	6 43	18 28	20 49	3 5	9 23	26 36	19 55	2 10	6 26	23 12	18 21	0 32

♃ JUPITER					♄ SATURN					♅ URANUS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage
1	8 25	15 16	21 4	19 27	15 46	21 41	3 24	11 29	2 23	8 23	14 43	N 18 47	8 25	15 16
11	8 46	14 34	20 22	19 19	15 12	21 5	2 58	11 8	2 53	8 2	14 12	18 45	8 46	14 34
21	8 6	13 52	19 40	19 8	14 33	20 20	2 32	10 51	1 4	7 14	13 24	18 48	8 6	13 52
30	7 34	13 12	19 6	18 56	14 3	19 57	1 51	10 36	0 51	6 41	12 51	18 46	7 34	13 12

The mean fall of rain is 5'08in.

No months without rain. The least falls of rain were in 1854, 0'96in and in 1845 0'96in.

There are equal chances that the fall will be more or less than 4 0in.

There are four chances to one that the fall will not exceed 7 3in.

The greatest falls in April were in 1859 17 27in, in 1856 10'9in and 1843 10 47in.

The average number of days in which rain fell in April was 10'2d.

The average daily fall of rain on the days during which it rained in April was 0'5in.

The mean difference for April is 8'2in.

The mean temperature in the shade for April from eleven years' observations

80 85 Fahr

The monthly mean temperature varied in the eleven years between

79 81 & 82 88 "

The daily do. do. do.

78 75, 84 48 "

The highest observed temperature do.

90 1 92 7 "

The lowest do. do. do.

71 8, 74 4 "

1876
1851

APRIL.

Day of
Month

REMARKABLE EVENTS

- | | | |
|-----------|-----------|---|
| S | 1 | |
| S. | 2 | 5 Sunday in Lent —Donabue taken, 1825 |
| M | 3 | First Electric Telegraph in India opened, 1851 |
| Tu | 4 | St AMBROSE —Fortress of Jhansi taken, 1818 |
| W | 5 | Khybar pass forced by Genl Pollock, 1842 |
| Th | 6 | Battle of Coorg, 1834. |
| F | 7 | Prince Leopold George Duncan Albert born 1853 |
| S | 8 | Tantia Topes captured, 1859 |
| S. | 9 | 6 Sunday in Lent or Palm Sunday |
| M. | 10 | Battle of Aroge and defeat of the Abyssinians, 1868 |
| Tu | 11 | |
| W | 12 | Rodney's Victory, 1786 |
| Th | 13 | MAUNDY THURSDAY —Rangoon taken, 1852 —Fall of Mag-
[dale and death of the Emperor Theodorus, 1868 |
| F | 14 | Good Friday —Princess Beatrice Mary Victoria Feo- |
| S | 15 | HOLY SATURDAY [dore born, 1857 |
| S. | 16 | Easter Sunday —First Railway in India opened be- |
| M | 17 | EASTER MONDAY |
| Tu | 18 | EASTER TUESDAY —Tantia Topes executed at Sepri, 1859 |
| W | 19 | |
| Th | 20 | British occupied Candahar, 1839 |
| F | 21 | |
| S | 22 | Order of British India and Merit announced, 1837 |
| S. | 23 | 1 Sunday after Easter — St GEORGE. |
| M | 24 | Terrible hurricane at Negapatam, 1859 |
| Tu | 25 | St MARK —Princess Alice Maud Mary born, 1843. |
| W | 26 | Capture of Prome, 1824 |
| Th | 27 | |
| F | 28 | Surmam taken, 1804 |
| S. | 29 | |
| S. | 30 | 2 Sunday after Easter |

MAY.

1876
1951

Day of Week	Day of Month.	Malabar Date	SUN S		Age	MOON S		
			Mean Time Trevandrum			Mean Time Trevandrum		
			Rising	Setting		Mean Noon	Rising	Meridian Passage	Setting
			h m	h m	d	h m	h m	h m
Mon	1	21	5 45	6 9	70	0 29	6 03	13 14
Tues.	2	22	5 45	6 9	80	1 23	7 42	18 58
Wed	3	23	5 45	6 9	90	2 14	8 28	14 40
Thur	4	24	5 45	6 9	100	3 2	9 11	15 19
Fri	5	25	5 44	6 9	110	3 49	9 54	15 58
Sat	6	26	5 44	6 9	120	4 36	10 38	16 39
SUN	7	27	5 44	6 9	130	5 24	11 23	17 20
Mon	8	28	5 44	6 9	140	6 13	12 9	18 5
Tues	9	29	5 43	6 10	150	7 4	12 58	18 52
Wed	10	30	5 43	6 10	160	7 57	13 49	19 42
Thur	11	31	5 43	6 10	170	8 49	14 41	20 33
Fri	12	1	5 43	6 10	180	9 40	15 32	21 25
Sat	13	2	5 43	6 10	190	10 29	16 22	22 16
SUN	14	3	5 42	6 10	200	11 15	17 10	23 6
Mon	15	4	5 42	6 10	210	11 58	17 55	23 54
Tues	16	5	5 42	6 10	220	12 39	18 39	—
Wed	17	6	5 42	6 11	230	13 19	19 23	0 41
Thur	18	7	5 42	6 11	240	13 58	20 6	1 28
Fri	19	8	5 42	6 11	250	14 39	20 51	2 16
Sat	20	9	5 42	6 11	260	15 22	21 39	3 6
SUN	21	10	5 42	6 11	270	16 10	22 32	4 0
Mon	22	11	5 41	6 11	280	17 3	23 31	4 58
Tues	23	12	5 41	6 12	290	18 2	—	6 1
Wed	24	13	5 41	6 12	07	19 7	0 34	7 8
Thur	25	14	5 41	6 12	17	20 14	1 41	8 15
Fri	26	15	5 41	6 12	27	21 19	2 47	9 20
Sat	27	16	5 41	6 13	37	22 21	3 50	10 18
SUN	28	17	5 41	6 13	47	23 18	4 47	11 10
Mon	29	18	5 41	6 13	57	—	5 39	11 57
Tues	30	19	5 41	6 13	67	0 11	6 26	12 39
Wed.	31	20	5 41	6 13	77	1 0	7 11	13 20

1876
1881

MAY.

PHASES OF THE MOON

	d	h	m		d	h	m	
☾ First Quarter	1	8	34.9	A.M.	☾ First Quarter	30	10 56.4	A.M.
☾ Full Moon	8	8	08	P.M.	☾ Apogee	12	5	P.M.
☾ Last Quarter	16	6	34.7	P.M.	☾ Perigee	25	0	A.M.
☾ New Moon	23	8	33.0	P.M.				

THE PLANETS

☿ MERCURY					♀ VENUS					♂ MARS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		
1	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m		
1	18 24	0 26	6 48	N 19 11	20 49	0 0	8 23	N 26 38	19 54	2 8	8 23	N 23 17		
11	18 59	1 14	7 29	24 12	20 54	2 10	9 27	28 31	19 43	1 58	8 13	24 0		
21	19 16	1 32	7 48	26 23	20 52	3 8	10 24	28 47	19 32	1 47	8 3	24 23		
31	19 3	1 20	7 35	23 57	20 46	3 1	9 16	24 15	19 22	1 17	7 52	24 28		

♃ JUPITER.					♄ SATURN					♅ URANUS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		
1	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m		
1	7 0	13 8	18 58	S. 18 54	14 59	19 53	1 47	10 46	0 28	6 13	12 45	16 48		
11	6 3	1 23	18 11	18 7	14 24	19 16	1 10	10 29	23 46	5 56	12 6	16 43		
21	5 50	11 39	17 38	18 22	12 45	18 39	0 37	10 13	23 16	5 26	11 35	16 39		
31	5 6	10 55	16 44	18 6	12 12	18 1	23 50	10 8	22 30	4 40	10 50	16 34		

The mean fall of rain is 11.64in

No months without rain. The least falls were in 1864 3.32in. in 1860, 0.97in. in 1859 2.96in. in 1855 3.31in. and in 1838 3.67in.

There are equal chances that the fall will be more or less than 10.5in.

There are four chances to one that the fall will not exceed 15.0in

The greatest falls in May were in 1852 38.71in. and 1858 38.10in.

The average number of days in which rain fell in May was 15.7d

The average daily fall of rain on the days during which it rained in May was 0.74in

The mean difference for May is 6.52in

The mean temperature in the shade for May from eleven years observations

80.19 Fahr

The monthly mean temperature varied in the eleven years between

76.89 & 82.60

The daily do do do

78.93 „ 84.09

The highest observed temperature do

87.8 „ 94.5

The lowest do do do

71.3 „ 75.9 „

MAY.

1876
1861

Day of
Month.

REMARKABLE EVENTS

- | | | |
|-----|----|---|
| M. | 1 | ST PHILIP AND ST JAMES — Prince Arthur born, 1850
Great Cyclone at Madras, 1872. |
| Tu. | 2 | Order of British India instituted, 1837 |
| W. | 3 | Mutiny at Lucknow, 1857 — The Right Honorable Baron Northbrook,
Viceroy and Gov. Genl. of India took his seat in Supreme Council, 1872 |
| Th. | 4 | Seringapatam taken and Tippoo killed, 1799 — Shraas |
| F. | 5 | Bonaparte died, 1821 [destroyed by Earthquake, 1853 |
| S. | 6 | ST JOHN |
| S. | 7 | 3 Sunday after Easter. |
| M. | 8 | |
| Tu. | 9 | Her Highness the Ranees of Travancore died, 1858 |
| W. | 10 | Rangoon captured, 1824. |
| Th. | 11 | Mutiny and Massacre at Delhi, 1857 |
| F. | 12 | |
| S. | 13 | |
| S. | 14 | 4 Sunday after Easter — Gopal Droog captured, 1819. |
| M. | 15 | Severe shock of Earthquake at San Francisco, 1851 |
| Tu. | 16 | Battle of Albuera, 1810 |
| W. | 17 | First Telegraphic message between Bombay & Calcutta,
[1864. |
| Th. | 18 | |
| F. | 19 | Bassein taken, 1852 |
| S. | 20 | |
| S. | 21 | [bus died, 1806
5 Sunday after Easter or Rogation Sunday — Colum |
| M. | 22 | |
| Tu. | 23 | |
| W. | 24 | Her Majesty Queen Victoria born, 1819 |
| Th. | 25 | Holy Thursday or Ascension-day — Princess Helena
[born, 1846 |
| F. | 26 | |
| S. | 27 | Habeas Corpus Act passed, 1796 |
| S. | 28 | Sunday after Ascension — Mutiny at Philour 1857 |
| M. | 29 | Restoration of King Charles II, 1660 |
| Tu. | 30 | |
| W. | 31 | |

1878
1031

JUNE.

Day of Week	Day of Month	Malabar date	SUN S		Age	MOON'S		
			Mean Time Trevandrum			Mean Time Trevandrum		
			Rising	Setting	Mean Noon	Rising	Meridian Passage.	Setting
			h m	h m	d	h m	h m	h m
Thur	1	21	5 41	6 14	87	1 47	7 54	13 59
Fri	2	22	5 41	6 14	97	2 33	8 37	14 38
Sat.	3	23	5 41	6 14	107	3 21	9 20	15 19
SUN	4	24	5 41	6 14	117	4 9	10 6	16 2
Mon	5	25	5 41	6 15	127	4 59	10 54	16 48
Tues	6	26	5 41	6 15	137	5 51	11 44	17 37
Wed	7	27	5 42	6 15	147	6 43	12 35	18 27
Thur	8	28	5 42	6 15	157	7 35	13 27	19 19
Fri.	9	29	5 42	6 16	167	8 24	14 17	20 11
Sat	10	30	5 42	6 16	177	9 11	15 6	21 1
SUN	11	31	5 42	6 16	187	9 55	15 52	21 49
Mon	12	32	5 42	6 16	197	10 36	16 35	22 36
Tues	13	1	5 42	6 17	207	11 16	17 18	23 22
Wed	14	2	5 43	6 17	217	11 54	18 0	—
Thur	15	3	5 43	6 17	227	12 33	18 43	0 8
Fri	16	4	5 43	6 17	237	13 14	19 28	0 56
Sat.	17	5	5 43	6 18	247	13 58	20 18	1 46
SUN	18	6	5 43	6 18	257	14 47	21 12	2 41
Mon	19	7	5 44	6 18	267	15 43	22 13	3 40
Tues	20	8	5 44	6 18	277	16 44	23 18	4 45
Wed.	21	9	5 44	6 19	287	17 52	—	5 53
Thur	22	10	5 44	6 19	04	19 0	0 26	7 0
Fri.	23	11	5 44	6 19	14	20 6	1 33	8 3
Sat.	24	12	5 45	6 19	24	21 7	2 34	9 0
SUN	25	13	5 45	6 19	34	22 3	3 30	9 50
Mon	26	14	5 45	6 20	44	23 55	4 21	10 36
Tues.	27	15	5 45	6 20	54	23 43	5 7	11 18
Wed.	28	16	5 46	6 20	64	—	5 52	11 58
Thur	29	17	5 46	6 20	74	0 31	6 35	12 38
Fri	30	18	5 46	6 20	84	1 18	7 19	13 18

JUNE.

1876

1881

PHASES OF THE MOON

	d.	h.	m.		d.	h.	m.
☉ Full Moon	7	5	45 1 A.M.	☾ First Quarter	28	8	21 9 P.M.
☾ Last Quarter	15	8	22 5 A.M.	☾ Apogee	9	2	A.M.
☾ New Moon	22	3	24 8 A.M.	☾ Perigee	22	9	A.M.

THE PLANETS

♿ MERCURY					♀ VENUS				♂ MARS			
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	4 30	1 11	7 32	N 23 42	2 59	8 14	N 24 4	19 11	1 28	7 41	N 4 25	
11	18 17	0 40	6 43	20 56	2 42	8 58	12 6	19 11	1 28	7 41	N 4 25	
21	17 12	23 24	5 36	18 48	19 50	2 11	8 23	20 4	18 50	1 14	7 39	23 38
30	18 34	22 48	4 58	18 53	10 29	1 31	7 42	18 26	18 49	1 2	7 17	23 39

♃ JUPITER				♄ SATURN				♅ URANUS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	5 3	10 50	16 29	8 18 5	2 3	17 57	23 51	8 10 6	22 26	4 36	10 48	N 16 32
11	4 17	10 6	15 3	17 50	11 24	17 18	23 12	10 4	21 48	4 58	10 5	16 25
21	2 54	9 23	15 12	17 39	10 45	16 39	2 53	10 5	21 10	4 29	9 20	16 17
30	2 58	8 45	14 34	17 31	10 9	16 3	21 57	10 10	20 76	2 48	8 56	16 9

The mean fall of rain is 12 45in

No months without rain. The least falls of rain were in 1861 5 41in in 1860, 8 53in. in 1857 5 55in and in 1848 3 86in

There are equal chances that the fall will be more or less than 11 3in

There are four chances to one that the fall will not be more than 15 0in

The greatest falls in June were in 1864 32 70in in 1846 21 23in and in 1843 17 63in.

The average number of days in which rain fell in June was 22 2d.

The average daily fall of rain on the days during which it rained in June was 0 56in

The mean difference for June is 3 76in

The mean temperature in the shade for June from eleven years observations

77 67 Fahr

The monthly mean temperature varied in the eleven years between

75 00 & 78 91

The daily

72 53 82 97

The highest observed temperature

83 9 89 0

The lowest

70 1 72 0

1876
1951

JUNE.

Day of
Month.

REMARKABLE EVENTS

- | | | |
|----|----|--|
| Th | 1 | Fort St. David taken, 1768 — First Turf of Central India |
| F | 2 | [Railway turned, 1856] |
| S | 3 | Mutiny at Neemuch, 1807 — Prince George Frederick of [Wales born, 1865] |
| S. | 4 | Pentecost or Whit-Sunday — Prince Leopold elected [King of Belgium, 1831] |
| M. | 5 | Mutiny at Jhansi, 1857 — Severe Gale at Trevandrum, 1868. |
| Tu | 6 | Nana Sahib took possession of Cawnpore 1857 |
| W | 7 | The Militia Bill passed in the House of Commons, 1852 |
| Th | 8 | Action before the walls of Delhi, 1857 |
| F | 9 | First Turf of Madras Railway turned, 1853 |
| S | 10 | Mutiny of 1st Oude Infantry, 1857 |
| S. | 11 | Trinity Sunday — ST BARNABAS |
| M | 12 | Massacre of the Futtehghur fugitives at Cawnpore, 1857 |
| Tu | 13 | 1st Cavalry Hyderabad Contingent mutinied at Auranga- |
| W | 14 | Mutiny at Gwalior, 1857 [bad, 1857] |
| Th | 15 | CORPUS CHRISTI — Malligum taken, 1819 — King of Oude, [a state prisoner in Fort Wilham, 1857] |
| F | 16 | Capture of Woosung, 1842 |
| S | 17 | ST ALBAN — Battle of Ajmeer, 1818 — Naar ood Deen, the [shah of Persia arrived in England on a visit to the Queen] |
| S. | 18 | 1 Sunday after Trinity — Battle of Waterloo, 1815 |
| M. | 19 | Magna Charta signed, 1215 — Gwalior captured, 1858. — [Maximilian Emperor of Mexico shot, 1867] |
| Tu | 20 | Accession of Queen Victoria, 1837 |
| W | 21 | Proclamation of Queen Victoria |
| Th | 22 | |
| F | 23 | Insurrection at Paris, 1848 |
| S | 24 | ST JOHN THE BAPTIST — MIDSUMMER-DAY |
| S. | 25 | 2 Sunday after Trinity — Battle of Bannockburne, 1314. |
| M | 26 | |
| Tu | 27 | Cawnpore Massacre, 1858 |
| W | 28 | Coronation of Queen Victoria, 1838 |
| Th | 29 | ST PETER AND ST PALL. |
| F | 30 | Peace proclaimed with Burmah, 1853 |

JULY

1876
1851

Day of Week	Day of Month	Malabar date	SUN S		Age	MOON S			
			Mean Time Trevandrum			Mean Time Trevandrum			
			Rising	Setting		Mean Noon	Rising	Meridian Passage.	Setting
			h m	h m	d	h m	h m	h m	
Sat	1	19	5 48	6 21	94	2 6	8 4	14 1	
SUN	2	20	5 47	6 21	104	2 56	8 51	14 43	
Mon	3	21	5 47	6 21	114	3 47	9 40	15 33	
Tues	4	22	5 47	6 21	124	4 39	10 31	16 23	
Wed	5	23	5 47	6 21	134	5 31	11 23	17 15	
Thur	6	24	5 48	6 21	144	6 21	12 14	18 7	
Fri	7	25	5 48	6 21	154	7 8	13 8	18 58	
Sat	8	26	5 48	6 21	164	7 53	13 50	19 46	
SUN	9	27	5 48	6 21	174	8 36	14 34	20 34	
Mon	10	28	5 48	6 21	184	9 15	15 17	21 20	
Tues	11	29	5 49	6 21	194	9 53	15 58	22 5	
Wed	12	30	5 49	6 22	204	10 31	16 40	22 50	
Thur	13	31	5 49	6 22	214	11 10	17 23	23 38	
Fri	14	1	5 50	6 22	224	11 51	18 9	—	
Sat	15	2	5 50	6 22	234	12 37	18 59	0 30	
SUN	16	3	5 50	6 22	244	13 28	19 55	1 25	
Mon	17	4	5 50	6 21	254	14 25	20 57	2 26	
Tues	18	5	5 50	6 21	264	15 29	22 3	3 31	
Wed	19	6	5 50	6 21	274	16 36	23 10	4 38	
Thur	20	7	5 51	6 21	284	17 44	—	5 43	
Fri	21	8	5 51	6 21	0-1	18 48	0 15	6 43	
Sat	22	9	5 51	6 21	1-1	19 48	1 15	7 38	
SUN	23	10	5 51	6 21	2-1	20 43	2 9	8 27	
Mon	24	11	5 51	6 21	3-1	21 35	2 59	9 11	
Tues	25	12	5 51	6 21	4-1	22 24	3 45	9 53	
Wed	26	13	5 52	6 21	5-1	23 13	4 30	10 34	
Thur	27	14	5 52	6 20	6-1	—	5 15	11 15	
Fri	28	15	5 52	6 20	7-1	0 2	6 0	11 58	
Sat	29	16	5 52	6 20	8-1	0 51	6 47	12 43	
SUN	30	17	5 52	6 20	9-1	1 42	7 36	13 29	
Mon	31	18	5 52	6 20	10-1	2 34	8 27	14 19	

1876
1852

JULY

PHASES OF THE MOON

	d	h	m		d	h	m
☉ Full Moon	6	8	40	7 1 M	☾ First Quarter	28	8 26 8 A.M.
☾ Last Quarter	14	7	35	P.M.	☾ Apogee	6	5 A.M.
● New Moon	21	10	07	A.M.	☾ Perigee	20	6 P.M.

THE PLANETS

Day	♿ MERCURY				♀ VENUS				♂ MARS			
	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	16 31	2 43	4 55	N 19° 6'	18 14	1 25	7 36	N 18° 15'	18 45	1 2	7 16	N 23° 32'
11	16 24	23 37	4 50	1 3	18 14	0 24	6 34	16 53	18 37	0 50	7 3	21 20
21	16 48	23 3	4 17	3 40	17 3	23 13	4 29	16 8	18 35	0 37	6 49	19 52
31	17 37	23 59	6 3	20 54	16 8	22 18	4 29	16 1	18 18	0 24	6 35	18 10

Day	♃ JUPITER				♄ SATURN				♅ URANUS			
	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	2 32	8 41	14 50	S 17° 31'	10 8	15 59	21 33	S 10° 11'	10 11	20 72	2 42	S 6° 23'
11	2 11	9 9	15 49	17 22	9 25	15 18	21 13	10 19	19 56	2 6	8 16	16 57
21	1 52	7 21	13 10	17 28	8 44	14 38	20 22	10 21	19 19	1 59	7 59	16 45
31	0 53	6 43	12 31	17 34	8 3	13 57	19 51	10 48	18 42	0 52	7 3	15 38

The mean fall of rain is 7.22in

No months without rain The least falls were in 1845, 3.42in in 1855 9.90in and in 1880 1.50in

There are equal chances that the fall will be more or less than 7.0in.

There are four chances to one that the fall will not be more than 8.90in.

The greatest falls in July were in 1839 14.68in. in 1845 12.29in. and in 1864 10.02in.

The average number of days in which rain fell in July was 19.5d

The average daily fall of rain on the days during which it rained in July was 0.36in.

The mean difference for July is 2.36in

The mean temperature in the shade for July from eleven years observations

76.66 Fahr

The monthly mean temperature varied in the eleven years between

75.69 & 77.88

The daily

do

do

77.40 & 79.84

The highest observed temperature

do

83.4 " 83.4 "

The lowest

do

do

do

69.2 , 71.4 ,

JULY.

1870
1851

Day of
Month

REMARKABLE EVENTS

- | | | |
|----|----|---|
| S | 1 | Bank of Madras opened, 1843 — Princess Alice married, [1862] |
| S. | 2 | 3 Sunday after Trinity — VISITATION OF B V MARY |
| M | 3 | Treaty of Peace with China signed, 1858 |
| Tu | 4 | United States declaration of Independence, 1776 |
| W | 5 | Capture of Chusan, 1840 — Mutiny at Cawnpore, 1857 |
| Th | 6 | Paris capitulated to the allied powers, 1815 — Princess |
| F | 7 | 14th Bengal N L disarmed, 1857 [Victoria of Wales born, 1868] |
| S | 8 | Natives of India admitted as Jurors 1827 [formed, 1857] |
| S. | 9 | 4 Sunday after Trinity — Madras Volunteer Guards |
| M | 10 | Vellore Mutiny, 1800 |
| Tu | 11 | Armistice between France and Austria, 1859 |
| W | 12 | |
| Th | 13 | Allies evacuated Crimea, 1856 |
| F | 14 | |
| S | 15 | Madras Agri Horticultural Society established, 1830 |
| S. | 16 | 5 Sunday after Trinity — Cawnpore re captured by |
| M | 17 | British, 1807 |
| Tu | 18 | |
| W | 19 | |
| Th | 20 | ST MARGARET |
| F | 21 | |
| S | 22 | ST MARY MAGDALEN — Income Tax Act passed, 1860 |
| S. | 23 | 6 Sunday after Trinity — Capture of Ghuznee, 1839 |
| M | 24 | Gibraltar taken by the British, 1704 — Princess Victoria, [of Prussia born, 1860] |
| Tu | 25 | ST JAMES APOSTLE — Natives of India first sat on the |
| W | 26 | ST ANNE [Petit Jury, 1828] |
| Th | 27 | Manilla taken, 1762 — Cyclone at Calcutta, 1859 |
| F | 28 | |
| S | 29 | First school for Natives girls formed at Calcutta [Pegu, 1855] |
| S. | 30 | 7 Sunday after Trinity — Coal mines discovered in |
| M | 31 | Upper Assam annexed to the Bengal Presidency, 1839 |

AUGUST.

1876
1851-59

PHASES OF THE MOON

	d	h	m		d	h	m
☉ Full Moon	5	11	45	7 A.M.	(Apogee	2	0 P.M.
(Last Quarter	18	3	63	A.M.	(Perigee	18	1 A.M.
☾ New Moon	19	5	33	5 P.M.	(Apogee	30	1 A.M.
) First Quarter	26	11	25	3 P.M.			

THE PLANETS

♿ MERCURY					♀ VENUS					♂ MARS				
Date.	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		Rising	Merid. Passage	Setting	Declination	
1	h m	h m	h m	°	h m	h m	h m	°		h m	h m	h m	°	
1	17 43	23 45	6 5	N26 29	16 6	22 15	4 28	N16 2		18 11	9 23	6 29	N17 59	
11	18 24	0 33	6 42	14 30	15 28	21 28	3 48	16 25		17 58	6 8	6 18	19 4	
21	18 57	1 1	7 8	7 20	15 5	21 35	3 25	16 53		17 44	23 22	6 0	14 0	
31	19 18	1 18	7 16	5 0	14 52	-1 2	2 12	16 57		17 30	23 27	5 44	11 46	

♃ JUPITER.					♄ SATURN					♅ URANUS				
Date.	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination		Rising	Merid. Passage	Setting	Declination	
1	h m	h m	h m	°	h m	h m	h m	°		h m	h m	h m	°	
1	0 50	4 59	12 28	S-17 35	7 59	13 22	19 45	S-10 47		18 39	0 49	8 57	N15 34	
11	0 12	6 1	11 50	17 45	7 18	13 11	19 4	11 2		18 3	0 11	8 30	15 23	
21	23 36	5 25	11 14	18 0	6 48	13 29	18 52	11 20		17 53	23 38	4 47	15 13	
31	23 1	4 50	10 39	18 17	5 53	11 46	17 28	11 40		16 45	23 54	5 3	14 50	

The mean fall of rain is 4.80 in.

No months without rain The least falls were in 1847 1.09 in, and in 1845, 1.25 in.

There are equal chances that the fall will be more or less than 3.5 in

There are four chances to one that the fall will not exceed 5.5 in.

The greatest falls in August were in 1840 17.64 in in 1857 9.75 in and in 1863 13.37 in

The average number of days in which rain fell in August was 16.5 d.

The average daily fall of rain on the days during which it rained in August was 0.29 in

The mean difference for August is 2.65 in

The mean temperature in the shade for August from eleven years' observations

70.66 Fahr

The monthly mean temperature varied in the eleven years between

The daily	do.	do.	do.	75.55 & 78.02	..
The highest observed temperature	do.	do.	do.	72.08 .. 79.72	..
The lowest	do.	do.	do.	68.7 .. 80.2	..
				70.0 .. 72.2	..

1876
1851-52

AUGUST.

REMARKABLE EVENTS

Day of Month	
Tu 1	LAMMAS DAY—Battle of the Nile, 1808 —The India Income [Tax Act in force, 1860
W 2	Battle of Blenheim, 1704
Th 3	Maratta war commenced, 1803 —Arrah captured, 1857
F 4	British troops landed in Java, 1811
S 5	[Alfred Duke of Edinburgh born, 1844.
S. 6	8 Sunday after Trinity—TRANSFIGURATION —Prince
M 7	Cabul taken, 1839
Tu 8	Great flood at Baroda
W 9	Sveaborg bombarded, 1805.
Th 10	St LAWRENCE—Scindia defeated, 1803
F 11	Amednugger surrendered, 1803
S 12	Madrid taken, 1812
	[Charles near Metz, 1870.
S. 13	9 Sunday after Trinity —Victory by Prince Frederick
M. 14	Sir Colin Campbell arrived in Calcutta, 1857
Tu 15	ASSUMPTION OF B. V. MARY
W 16	Americans defeated at Camden, 1780
Th 17	Fort Malakoff taken, 1855
F 18	H. H. Martanda Varmah Rajah of Travancore died, 1860
S 19	Mutiny at Ferozepore, 1857
S. 20	10 Sunday after Trinity [1798
M 21	Lord Clive succeeds Lord Hobart as Governor of Madras
Tu 22	Treaty of Peace with China, 1842
W 23	New Public Offices, Trevandrum, opened 1869
Th 24	St BARTHOLOMEW
F 25	High Court at Madras opened, 1862
S 26	Albert late Prince Consort born, 1819
S. 27	11 Sunday after Trinity —Peace with China, 1842
M. 28	St AUGUSTINE —Slavery abolition Act passed, 1833
Tu 29	St JOHN THE BAPTIST BEHEADED
W 30	
Th 31	

SEPTEMBER.

1876
1853

Day of Week	Day of Month	Malabar date	SUN S		MOON S			
			Mean Time Trevandrum		Age	Mean Time Trevandrum		
			Rising	Setting		Rising	Meridian Passage.	Setting
			h m	h m	Mean Noon	h m	h m	h m
Fri	1	18	5 53	6 7	12 8	4 32	10 29	16 27
Sat	2	19	5 53	6 6	13 8	5 14	11 13	17 14
SUN	3	20	5 52	6 6	14 8	5 53	11 56	18 0
Mon	4	21	5 52	6 5	15 8	6 32	12 38	19 46
Tues	5	22	5 52	6 5	16 8	7 10	13 21	19 33
Wed	6	23	5 52	6 4	17 8	7 50	14 5	20 21
Thur	7	24	5 52	6 4	18 8	8 32	14 52	21 14
Fri	8	25	5 52	6 3	19 8	9 18	15 42	22 9
Sat	9	26	5 52	6 2	20 8	10 9	16 38	23 9
SUN	10	27	5 52	6 2	21 8	11 5	17 38	—
Mon	11	28	5 52	6 1	22 8	12 7	18 40	0 11
Tues	12	29	5 51	6 1	23 8	13 10	19 43	1 14
Wed	13	30	5 51	6 0	24 8	14 14	20 44	2 15
Thur	14	31	5 51	6 0	25 8	15 15	21 41	3 11
Fri	15	1	5 51	5 59	26 8	16 13	22 34	4 8
Sat	16	2	5 51	5 58	27 8	17 8	23 23	4 51
SUN	17	3	5 51	5 58	28 8	18 0	—	5 35
Mon	18	4	5 51	5 57	0 4	18 51	0 10	6 18
Tues	19	5	5 51	5 57	1 4	19 42	0 57	7 1
Wed	20	6	5 51	5 56	2 4	20 32	1 43	7 44
Thur	21	7	5 50	5 55	3 4	21 25	2 31	8 28
Fri	22	8	5 50	5 55	4 4	22 18	3 20	9 15
Sat	23	9	5 50	5 54	5 4	23 11	4 11	10 4
SUN	24	10	5 50	5 54	6 4	—	5 3	10 55
Mon	25	11	5 50	5 53	7 4	0 3	5 53	11 47
Tues	26	12	5 50	5 53	8 4	0 54	6 46	12 39
Wed	27	13	5 50	5 52	9 4	1 42	7 36	13 30
Thur	28	14	5 50	5 52	10 4	2 27	8 23	14 19
Fri	29	15	5 50	5 51	11 4	3 9	9 8	15 7
Sat	30	16	5 50	5 51	12 4	3 49	9 51	15 54

主理人 105

SEPTEMBER.

PHASES OF THE MOON

		d	h	m			d.	h	m
☾ Full Moon	4	2	21	A.M.	)	First Quarter	25	5	11 P.M.
☾ Last Quarter	11	9	28	A.M.	(	Perigee	14	9	P.M.
☾ New Moon	18	3	2	A.M.	(	Apogee	26	7	P.M.

THE PLANETS.

♿ MERCURY					♀ VENUS					♂ MARS				
Date	Rising	World. Passage.	Setting	Declination.	Rising	World. Passage.	Setting	Declination.	Rising	World. Passage.	Setting	Declination.		
	h m	h m	h m	° ' "	h m	h m	h m	° ' "	h m	h m	h m	° ' "		
1	18 19	1 19	7 19	8 0 44	14 52	21 2	3 12	15 16 56	17 18	23 30	3 45	N 11 23		
11	19 31	1 27	7 33	3 18	14 52	21 2	3 8	15 16 56	17 18	23 30	3 25	9 10		
21	19 43	1 28	7 37	12 24	14 46	20 55	3 4	15 8	17 1	23 5	3 9	6 43		
30	19 10	1 1	6 52	14 32	14 46	20 56	3 4	15 19	16 48	23 51	3 54	4 27		

♃ JUPITER					♄ SATURN					♅ URANUS.				
Date	Rising	World. Passage.	Setting	Declination.	Rising	World. Passage.	Setting	Declination.	Rising	World. Passage.	Setting	Declination.		
	h m	h m	h m	° ' "	h m	h m	h m	° ' "	h m	h m	h m	° ' "		
1	23 58	4 47	10 34	8 15 19	5 49	11 42	17 35	4 11 39	18 47	27 50	4 59	N 74 45		
11	22 28	4 10	10 1	18 40	5 7	11 0	16 53	11 56	18 0	27 13	4 22	12 44		
21	1 53	3 40	9 28	19 24	4 25	10 18	16 11	12 10	16 27	21 36	3 45	14 21		
30	31 2	3 11	8 59	19 24	3 49	9 41	15 23	12 22	14 53	21 3	3 11	14 21		

The mean fall of rain is 3'85in

No months without rain. The least falls were in 1845 0.29in., in 1851, 0.04in. and in 1853 0.32in.

There are equal chances that the fall will be more or less than 3'0in

There are four chances to one that the fall will not exceed 62m.

The greatest falls in September were in 1841, 11.05in., in 1842, 7.7in. and in 1862 9.55in.

The average number of days in which rain fell in September was 11 5d.

The average daily fall of rain on the days during which it rained in September was 0.38in.

The mean difference for September is 2.85in

The mean temperature in the shade for September from eleven years' observations

77-08 Fabr

The monthly mean temperature varied in the eleven years between

76-41 & 77-71

The daily	do	do	do.	78-43	78-80	"
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The highest observed temperature	do	82.7	87.3
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The highest	do.	do.	do	70.2	72.2	72.2
The lowest	do.	do.	do	70.2	72.2	72.2

SEPTEMBER

1876
1857

Day of
Month

REMARKABLE EVENTS

- F** 1 Government of India transferred to the Crown, 1858
S 2 Battle of Sedan, Emperor Napoleon & his army surrend-
[ed, 1870
[instituted, 1801
S. 3 **12 Sunday after Trinity** — Supreme Court of Madras
M 4 Two shocks of an Earthquake at Trevandrum and in
Tu 5 [South Travancore (1 A M) 1867
W 6 Revolution in France and Republic proclaimed, 1870
Th 7 Emperor of Russia crowned, 1856
F 8 NATIVITY OF B V MARY
S 9 Native army of Bengal re-organized, 1800

S. 10 **13 Sunday after Trinity**
M 11 Mr Conolly, Collector of Malabar massacred, 1855
Tu 12 Three shocks of Earthquakes felt at Sumla, 1861
W 13 French Empress Eugenie arrived at Hastings, 1870
Th 14 HOLY CROSS — Duke of Wellington died, 1852
F 15 The Indian Press freed, 1830
S 16 Re-occupation of Cabul, 1842

S. 17 **14 Sunday after Trinity**
M 18 Dr Samuel Johnson born, 1709
Tu 19 Earthquake at Trevandrum, 1841
W 20 Delhi retaken, 1857
Th 21 ST MATTHEW — Release of British Prisoners in Afghanistan
[tan, 1842
F 22 Battle of Assaye, 1803. — Siege of Mooltan raised, 1848
S 23 Charles I dethroned, 1640

S. 24 **15 Sunday after Trinity**
M 25 Lucknow captured, 1857
Tu 26 ST CYPRIAN — General Neil killed, 1857
W 27 Battle of Busaco, 1810
Th 28 Comet visible at Madras, 1850
F 29 ST MICHAEL — MICHAELMAS-DAY — Joudpore taken, 1839
S 30 ST JEROME — Foundation Stone of H H the Maharajah's
[College, Trevandrum, laid, 1869

1878
1879

OCTOBER

Day of Week	Day of Month	Malabar date	SUN S			MOON S		
			Mean Time Trevandrum		Age	Mean Time Trevandrum		
			Rising	Setting		Rising	Meridian Passage	Setting
			h m	h m	d	h m	h m	h m
SUN	1	17	5 49	5 50	13 4	4 28	10 33	16 40
Mon	2	18	5 49	5 49	14 4	5 7	11 16	17 27
Tues	3	19	5 49	5 49	15 4	5 47	12 1	18 17
Wed	4	20	5 49	5 48	16 4	6 29	12 47	19 8
Thur	5	21	5 49	5 48	17 4	7 15	13 38	20 3
Fri	6	22	5 49	5 47	18 4	8 5	14 33	21 3
Sat	7	23	5 49	5 47	19 4	9 1	15 32	22 4
SUN	8	24	5 49	5 48	20 4	10 1	16 34	23 7
Mon	9	25	5 49	5 46	21 4	11 4	17 36	—
Tues	10	26	5 49	5 45	22 4	12 6	18 37	0 8
Wed	11	27	5 49	5 45	23 4	13 8	19 34	1 5
Thur	12	28	5 49	5 44	24 4	14 4	20 26	1 58
Fri	13	29	5 49	5 44	25 4	14 59	21 16	2 45
Sat	14	30	5 49	5 43	26 4	15 50	22 2	3 30
SUN	15	1	5 49	5 43	27 4	16 41	22 48	4 12
Mon	16	2	5 49	5 42	28 4	17 31	23 34	4 54
Tues	17	3	5 49	5 42	29 4	18 21	—	5 36
Wed	18	4	5 49	5 42	0 9	19 13	0 21	6 20
Thur	19	5	5 49	5 41	1 9	20 6	1 10	7 6
Fri	20	6	5 49	5 41	2 9	21 0	2 1	7 55
Sat	21	7	5 49	5 40	3 9	21 53	2 53	8 46
SUN	22	8	5 49	5 40	4 9	22 45	3 46	9 38
Mon	23	9	5 49	5 40	5 9	23 34	4 38	10 30
Tues	24	10	5 49	5 39	6 9	—	5 28	11 21
Wed	25	11	5 49	5 39	7 9	0 20	6 15	12 11
Thur	26	12	5 49	5 39	8 9	1 3	7 1	12 59
Fri	27	13	5 49	5 38	9 9	1 44	7 44	13 45
Sat	28	14	5 50	5 38	10 9	2 23	8 26	14 31
SUN	29	15	5 50	5 38	11 9	3 2	9 9	15 18
Mon	30	16	5 50	5 38	12 9	3 41	9 52	16 6
Tues	31	17	5 50	5 37	13 9	4 22	10 38	16 57

OCTOBER.

1876

1853

PHASES OF THE MOON

☉ Full Moon	8 4 42 PM	☾ First Quarter	25 1 20 PM
☾ Last Quarter	10 3 27 3 PM	☾ Perigee	10 8 PM
● New Moon	17 3 50 PM	☾ Apogee	24 3 PM

THE PLANETS

♿ MERCURY					♀ VENUS					♂ MARS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°	h m	h m
1	19 10	1 1	6 52	8 14 23	14 46	20 59	3 4	13 5	16 47	22 49	4 51	N 4 11		
11	17 55	23 41	5 44	10 47	14 53	20 59	3 5	10 7	16 32	22 35	4 36	1 59		
21	16 31	22 48	4 45	4 29	14 58	21 2	1 6	8 51	16 16	22 17	4 18	8 56		
31	15 43	22 38	4 34	5 49	15 4	21 3	1 21	2 7	15 4	22 1	3 59	1 30		

♃ JUPITER					♄ SATURN					♅ URANUS				
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°	h m	h m
1	21 20	3 8	8 54	6 19 26	3 45	9 37	15 3	8 13 23	14 49	20 58	3 7	N 14 28		
11	20 46	2 36	8 24	19 51	4 4	9 56	14 43	1 32	14 12	20 21	2 30	14 18		
21	20 16	2 5	7 52	28 15	2 21	8 15	14 7	1 38	14 44	19 43	1 52	14 10		
31	19 47	1 34	7 21	20 40	1 43	7 35	14 27	1 40	12 56	18 4	1 14	14 4		

The mean fall of rain is 10.97 in.

No months without rain. The least falls were in 1842 5.49 in., in 1853, 4.56 in., in 1861, 2.46 in. and in 1863 5.31 in.

There are equal chances that the fall will be more or less than 10.8 in.

There are four chances to one that the fall will not exceed 15.0 in.

The greatest falls in October were in 1850 21.20 in. and in 1846 18.63 in.

The average number of days in which rain fell in October was 15.93.

The average daily fall of rain on the days during which it rained in October was 0.69 in.

The mean difference for October is 4.17 in.

The mean temperature in the shade for October from eleven years' observations

76.90 Fahr

The monthly mean temperature varies in the eleven years between

75.61 & 77.45

The daily do. do. do.

72.90 80.34

The highest observed temperature do

83.7 " 88.7 "

The lowest do. do. do.

69.2 " 71.7 "

1876
1858

OCTOBER

Day of Month	REMARKABLE EVENTS
S. 1	16 Sunday after Trinity — Chusan recaptured, 1841 — [General Cullen died, 1862]
M 2	Occupation of Ghuznee by General Nott, 1842
Tu 3	Afghans defeated by General Pollock, 1842
W 4	
Th 5	Violent Cyclone at Calcutta, 1864
F 6	Her Highness the Ranee of Travancore died, 1857
S 7	Nabob of the Carnatic died, 1855 [& Fifty thousand lives lost]
S 8	17 Sunday after Trinity — Flood in the Ganges, 1831
M 9	St Denis — Prome taken, 1802
Tu 10	Shanghai captured, 1841
W 11	Conclusion of the Afghan war, 1842 — His Royal Highness the Prince of Wales left England on his Indian Tour 1870
Tb 12	America discovered, 1492 [Tour 1870]
F 13	Amoy taken, 1841
S 14	Cuttack taken, 1803 — First appearance of Cholera at [Madras, 1818]
S. 15	18 Sunday after Trinity
M 16	Burhampore surrendered, 1808
Tu 17	First Protestant Chapel opened in China, 1842
W 18	St Luke — Viscount Palmerston died, 1865 — St. Cloud [burnt, 1870]
Th 19	Installation of H. H. the Maharajah of Travancore, 1860
F 20	Cochin taken, 1795 — Agra taken, 1803
S. 21	Siege of Assurghur, 1803 — Victory of Trafalgar & death [of Lord Nelson, 1805]
S. 22	19 Sunday after Trinity — Moscow retaken, 1812
M 23	Massacre of 100,000 Protestants in Ireland, 1641
Tu 24	Battle of Balaklava, 1854. [1799]
W 25	St CRISTIN — Rajah of Tanjore surrendered his power,
Th 26	
F 27	Terrific gale in the Bay of Bengal, 1851 — Metz capitulated, 1870
S 28	St SIMON and St JUDE [dated, 1870]
S. 29	20 Sunday after Trinity.
M 30	Martaban taken, 1824
Tu 31	Fall of Pampeluna, 1812, — Battle of Kalunga, 1814

NOVEMBER

1976
1039

Day of Week	Day of Month	Malabar Date	SUN S		MOON S			
			Mean Time Trevandrum		Age	Mean Time Trevandrum		
			Rising	Setting		Rising	Meridian Passage.	Setting
			h m	h m	d	h m	h m	h m
Wed	1	18	5 50	5 37	149	5 7	11 28	17 52
Thur	2	19	5 50	5 37	159	5 57	12 22	18 51
Fri	3	20	5 51	5 37	169	6 51	13 22	19 54
Sat	4	21	5 51	5 37	179	7 52	14 25	20 58
SUN	5	22	5 51	5 36	189	8 55	15 29	22 2
Mon	6	23	5 51	5 36	199	10 0	16 31	23 1
Tues	7	24	5 52	5 36	209	11 2	17 30	23 55
Wed	8	25	5 52	5 36	219	12 0	18 23	—
Thur	9	26	5 52	5 36	229	12 00	19 13	0 44
Fri	10	27	5 52	5 36	239	13 46	19 59	1 28
Sat	11	28	5 53	5 36	249	14 36	20 44	2 10
SUN	12	29	5 53	5 36	259	15 24	21 29	2 51
Mon	13	30	5 53	5 36	269	16 14	22 15	3 33
Tues	14	1	5 54	5 36	279	17 5	23 8	4 15
Wed	15	2	5 54	5 36	289	17 57	23 52	5 0
Thur	16	3	5 54	5 36	03	18 50	—	5 47
Fri	17	4	5 55	5 36	13	19 44	0 44	6 37
Sat	18	5	5 55	5 36	23	20 36	1 37	7 29
SUN	19	6	5 55	5 36	33	21 27	2 29	8 21
Mon	20	7	5 56	5 36	43	22 14	3 20	9 13
Tues	21	8	5 56	5 36	53	22 58	4 8	10 3
Wed	22	9	5 56	5 36	63	23 39	4 54	10 51
Thur	23	10	5 57	5 36	73	—	5 38	11 38
Fri	24	11	5 57	5 36	83	0 18	6 20	12 23
Sat	25	12	5 58	5 36	93	0 56	7 1	13 8
SUN	26	13	5 58	5 37	103	1 34	7 43	13 54
Mon	27	14	5 59	5 37	113	2 13	8 27	14 43
Tues	28	15	5 59	5 37	123	2 56	9 14	15 36
Wed	29	16	6 0	5 37	133	3 42	10 6	16 33
Thur	30	17	6 0	5 37	143	4 30	11 4	17 35

1876
1887

NOVEMBER.

PHASES OF THE MOON

	d	h	m		d	h	m
☾ Full Moon	2	4	38	7 A.M.	☾ First Quarter	24	9 34 8 A.M.
☾ Last Quarter	8	10	24	3 P.M.	☾ Perigee	5	0 P.M.
● New Moon	16	5	55	7 A.M.	☾ Apogee	21	11 A.M.

THE PLANETS

♿ MERCURY					♀ VENUS				♂ MARS			
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°
1	16 43	22 38	4 35	5 6 16	15 5	21 6	3 7	N 23 1	16 1	21 59	3 57	S 2 45
11	17 3	23 58	4 47	12 9	15 12	21 11	3 10	S 1 45	15 48	21 44	2 50	6 16
21	17 29	23 18	5 7	17 49	15 20	21 16	3 12	S 8 8	15 24	21 29	2 4	8 43
30	17 55	23 41	5 27	21 53	15 27	21 21	3 15	9 58	15 13	21 15	3 8	10 51

♃ JUPITER					♄ SATURN				♅ URANUS			
Date	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1	h m	h m	h m	°	h m	h m	h m	°	h m	h m	h m	°
1	19 44	1 31	7 13	8 30 42	1 3	7 31	13 23	12 48	12 54	18 2	1 10	N 14 4
17	19 14	1 1	6 43	21 5	1 0	6 52	12 44	12 79	12 14	18 22	0 30	14 0
31	18 44	0 31	6 18	21 27	0 21	6 13	12 5	12 38	11 25	17 43	22 31	18 58
30	18 6	0 4	5 50	21 44	23 47	5 38	11 51	12 25	11 0	17 8	28 16	19 57

The mean fall of rain is 6.52 in.

No months without rain. The least falls were in 1860, 0.62 in. in 1855, 0.22 in. and in 1843 1.69 in.

There are equal chances that the fall will be more or less than 6.1 in.

There are four chances to one that the fall will not exceed 8.7 in.

The greatest falls in November were in 1851, 15.11 in. and in 1847 13.56 in.

The average number of days in which rain fell in November was 13.1 d.

The average daily fall of rain on the days during which it rained in November was 0.1 in.

The mean difference for November is 2.64 in.

The mean temperature in the shade for November from eleven years' observations

76.88 Fahr.

The monthly mean temperature varied in the eleven years between

76.29 & 78.06

The daily do do do 73.57 " 79.73 "

The highest observed temperature do 84.5 " 86.5 "

The lowest do do do 65.8 " 70.7 "

NOVEMBER.

1878
1858

Day of
Month.

REMARKABLE EVENTS

W	1	ALL SAINTS — Cyclone at Masulipatam, 1864.
Th	2	ALL SOULS — Insurrection at Cabul, 1841
F	3	Khelat taken possession of by the British, 1840 — H. H. the Maha Rajah and Suite left Trevandrum on a tour to Bombay, Benares, &c, 1872
S	4	Surrender of Cabul, 1840
S.	5	21 Sunday after Trinity — Battle of Inkerman, 1854.
M	6	St LEONARD
Tu	7	Battle of Prague, 1830
W	8	Destruction of Cabul, 1841 — His Royal Highness the [Prince of Wales arrived at Bombay 1875]
Th	9	Albert Edward, Prince of Wales born, 1841 — 1st Public Dnr
F	10	Luther born, 1483 [bar held in the New Durbar Hall, 1866]
S	11	St MARTIN — Treaty with the Nizam, 1766
S.	12	22 Sunday after Trinity
M	13	Battle of Deig, 1804.
Tu	14	Rohilkund and the Doab ceded, 1801
W	15	Christ Church at Trevandrum consecrated, 1859
Th	16	Garrison at Lucknow relieved, 1857
F	17	
S	18	
S.	19	23 Sunday after Trinity — City of Poonah taken, 1817
M	20	Earl Canning, First Viceroy of India died, 1863
Tu	21	Princess Royal born, 1840
W	22	Battle of Alepore, General Cureton killed, 1848
Th	23	St CLEMENT — Duke of Buckingham & Chandos took his [seat as Governor of Madras, 1875,
F	24	Lord Clyde defeated Mutineers at Fattyghur, 1858
S	25	St CATHERINE [Marshall Soult died, 1851]
S.	26	24 Sunday after Trinity — Nagpore taken, 1817 —
M	27	Queen's letter presented to the Maharajah of Travancore,
Tu	28	Gwalior contingent routed, 1857 [1851]
W	29	Maharattas beaten at Maharaipore, 1843
Th	30	St. ANDREW — Lord Harris arrived at Trevandrum, 1858.

1876
1877

DECEMBER

Day of Week.	Day of Month	Malabar date	SUN S		MOON S			
			Mean Time Trevandrum		Age	Mean Time Trevandrum		
			Rising	Setting		Rising	Meridian Passage	Setting
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>
Fri	1	18	6 1	5 38	15 3	5 35	12 7	18 41
Sat	2	19	6 1	5 38	16 3	6 39	13 13	19 47
SUN	3	20	6 2	5 39	17 3	7 45	14 19	20 50
Mon	4	21	6 2	5 39	18 3	8 51	15 21	21 48
Tues	5	22	6 3	5 39	19 3	9 53	16 18	22 40
Wed	6	23	6 3	5 40	20 3	10 50	17 10	23 27
Thur	7	24	6 4	5 40	21 3	11 43	17 58	—
Fri	8	25	6 4	5 40	22 3	12 33	18 43	0 10
Sat	9	26	6 5	5 41	23 3	13 22	19 28	0 51
SUN	10	27	6 5	5 41	24 3	14 11	20 13	1 32
Mon	11	28	6 6	5 42	25 3	15 0	20 59	2 13
Tues	12	29	6 6	5 42	26 3	15 51	21 47	2 57
Wed	13	30	6 7	5 42	27 3	16 44	22 38	3 43
Thur	14	1	6 7	5 43	28 3	17 37	23 30	4 31
Fri	15	2	6 8	5 43	29 3	18 30	—	5 22
Sat	16	3	6 8	5 44	0 5	19 21	0 22	6 14
SUN	17	4	6 9	5 44	1 5	20 9	1 14	7 6
Mon	18	5	6 9	5 45	2 5	20 54	2 3	7 58
Tues	19	6	6 10	5 45	3 5	21 36	2 50	8 46
Wed	20	7	6 10	5 46	4 5	22 15	3 34	9 33
Thur	21	8	6 11	5 46	5 5	22 52	4 16	10 18
Fri	22	9	6 11	5 47	6 5	23 30	4 56	11 2
Sat	23	10	6 12	5 47	7 5	—	5 37	11 46
SUN	24	11	6 12	5 48	8 5	0 7	6 18	12 32
Mon	25	12	6 13	5 48	9 5	0 47	7 3	13 21
Tues	26	13	6 13	5 49	10 5	1 30	7 51	14 15
Wed	27	14	6 14	5 49	11 5	2 19	8 44	15 13
Thur	28	15	6 14	5 50	12 5	3 14	9 44	16 17
Fri	29	16	6 15	5 50	13 5	4 15	10 49	17 23
Sat	30	17	6 15	5 51	14 5	5 22	11 56	18 29
SUN	31	18	6 15	5 51	15 5	6 30	13 2	19 32

DECEMBER.

1876
1877

PHASES OF THE MOON

	d	h	m		d	h	m
☾ Full Moon	1	4	11 7 P.M.	☾ Full Moon	31	3	6 8 A.M.
☾ Last Quarter	8	7	31 1 A.M.	☾ Perigee	3	9	A.M.
☾ New Moon	15	11	21 9 P.M.	☾ Apogee	19	3	A.M.
☾ First Quarter	24	4	49 3 A.M.	☾ Perigee	31	6	P.M.

THE PLANETS

☿ MERCURY				♀ VENUS				♂ MARS			
Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1 17 55	23 44	5 30	8 22 16	2 21 22	13 28	21 22	13 16	15 21	21 14	3 7	11 6
17 18 26	0 19	5 54	24 02	13 30	21 39	21	14	15 7	0 50	3 1	12 19
21 18 58	0 40	6 24	25 10	23 51	21 46	1	17 48	14 64	20 45	2 16	15 25
21 18 25	1 10	6 55	26 6	18 6	21	1	17 49	14 44	20 52	2 21	15 19

♂ JUPITER				♂ SATURN				♃ URANUS			
Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination	Rising	Merid. Passage	Setting	Declination
1 16 16	0 1	4 47	8 21 48	23 44	5 36	11 24	6 12 24	10 56	17 4	23 12	13 57
11 17 42	23 28	5 14	22 4	23 5	4 58	10 51	12 11	10 25	16 33	2 41	13 59
23 17 12	22 58	4 44	22 19	22 28	4 41	10 16	11 56	9 17	15 48	21 53	14 2
23 16 42	12 28	4 14	19 22 32	21 51	3 48	9 38	11 16	8 57	6 5	21 13	14 8

The mean fall of rain is 2.51 in.

No rain fell in December 1853 and 1861 and 0.004 in 1840.

There are equal chances that the fall will be more or less than 1.5 in.

There are four chances to one that the fall will not exceed 2.5 in.

The greatest falls in December were in 1843 13.98 in. and in 1847, 10.36 in.

The average number of days in which rain fell in December was 5.1 d.

The average daily fall of rain on the days during which it rained in December was 0.49 in.

The mean difference for December is 2.00 in.

The mean temperature in the shade for December from eleven years' observations

76.15 Fahr

The monthly mean temperature varied in the eleven years between

The daily do do do

75.01 & 76.84

70.36 „ 79.65 „

The highest observed temperature do

84.5 „ 87.8 „

The lowest do do do

59.9 „ 69.2 „

1876
1858

DECEMBER

Day of
Month

REMARKABLE EVENTS

- | | | |
|----|----|--|
| F | 1 | Capture of Pinalla and Pounghur, 1844. |
| S | 2 | Battle of Austerlitz, 1805 |
| S. | 3 | Advent Sunday —Ranee of Gouda surrendered, 1859 |
| M | 4 | Abolition of Suttee, 1829 |
| Tu | 5 | Defeat of the Burmese near Prome, 1825 |
| W | 6 | Madras Court of small causes established, 1850 |
| Th | 7 | |
| F | 8 | CONFESSION OF B V MARY—Russians attack Bader, 1800 —
Foundation Stone for the Public Offices at Trevandrum laid by |
| S | 9 | Manitius taken, 1810 (H H the Maharajah 1865 |
| S. | 10 | 2 Sunday in Advent —Bushire taken, 1806 —Leopold
King of Belgium died and Leopold II crowned 1865 —King of
Prussia accepted Title of Emperor of Germany 1870 |
| M | 11 | Annexation of Nagpore, 1853 |
| Tu | 12 | Treaty with Nizam concluded, 1822 |
| W | 13 | Foundation stone of Christ Church at Trevandrum laid, |
| Th | 14 | Albert Prince Consort died, 1861 [1858 |
| F | 15 | Napoleon's remains deposited in Paris, 1840 —H H the
Maharajah and Suite returned from Bombay and |
| S | 16 | Battle of Nagpore, 1817 [Bennet, 1872 |
| S. | 17 | 3 Sunday in Advent —Karamanay Bridge opened, 1858 |
| M | 18 | Battle of Moodkee, 1845 |
| Tu | 19 | Violent Earthquake in Batavia, 1852 |
| W | 20 | Annexation of Pogn, 1852 |
| Th | 21 | Sr THOMAS —Battle of Mahidpore, 1817 |
| F | 22 | Battle of Kerorashahur, 1845 [Dug taken |
| S | 23 | Sir William Mc Naghiten assassinated, 1842 —Fortress of
[United States, 1814 |
| S. | 24 | 4 Sunday in Advent —Peace between England and the |
| M | 25 | Christmas Day |
| Tu | 26 | Sr STEPHEN —The New Lahore treaty signed, 1846 |
| W | 27 | Sr JOHN EVANGELIST |
| Th | 28 | INNOCENT DAY |
| F | 29 | Battle of Maharajpore and Punnar, 1848 |
| S. | 30 | Nagpore taken, 1817
[Charter granted to the late E. I. Company, 1800 |
| S. | 31 | 1 Sunday after Christmas.—Sr SILVESTER —The first |

METEOROLOGICAL TABLES, containing the mean results
of Observations for the Atmospheric Pressure, Temperatures
of the Air and Evaporation, Relative Humidity, Clouds,
&c, from Observations made at the Texaniana Observa-
tory between the years 1853 and 1864, under the direction of
JOHN ALLAN BROWN, Esq, L R S

TABLE I. Atmospheric Pressure * Height of the Bar (intern
197 feet above the level of the sea

Mercury at 32° Brass at 62° Fah

MONTHS.	Mean Pressure	Mean of the		Range	Mean of the		Range	Mean of the		Range
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means			Hourly Means			Evaporation		
	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch	Inch
January	29.730	29.801	29.657	144	29.788	29.666	122	29.870	29.586	285
February	719	781	661	120	784	649	135	848	784	264
March	688	703	604	149	748	622	126	810	729	280
April	648	716	570	146	703	563	120	779	697	282
May	657	706	569	136	683	581	102	763	602	261
June	638	704	569	135	618	589	089	704	618	236
July	649	708	593	115	685	599	086	758	635	218
August	663	718	609	109	708	600	103	767	648	224
September	681	736	624	112	731	618	113	796	654	212
October	688	765	608	157	741	627	114	827	714	283
November	703	767	631	126	757	643	114	817	662	256
December	724	778	650	123	780	663	118	842	593	249
Means	29.681	743	612	131	732	620	112	802	545	257

* From 8 years observations

TABLE II—Temperature of the Air *

MONTHS	Monthly Mean Tem perature	Mean of the			Mean of the			Mean of th ^o		
		Highest	Lowest	Range	Highest	Lowest	Range	Highest	Lowest	Range
		Daily Means			Hourly Means			Observation		
January	76.44	79.25	73.90	5.35	83.88	69.37	14.51	86.60	64.86	21.74
February	77.69	80.49	75.12	5.37	83.32	70.60	14.72	88.02	66.18	22.34
March	80.33	82.31	77.61	4.67	87.10	73.66	13.49	89.95	70.30	19.65
April	80.90	83.17	77.28	5.89	87.14	75.78	11.36	91.23	72.60	18.63
May	80.19	82.67	76.95	5.62	85.32	75.85	9.47	90.04	72.85	17.19
June	77.67	80.19	74.34	5.85	82.19	74.03	8.16	86.25	71.30	14.90
July	76.66	78.66	73.35	5.31	81.02	73.09	7.93	84.45	70.42	14.03
August	76.66	78.42	73.85	4.57	81.37	72.93	8.44	84.76	70.88	13.87
September	77.02	78.35	74.98	3.37	81.04	72.92	8.12	85.35	70.46	14.69
October	76.90	78.77	74.22	4.55	82.14	72.67	9.47	85.55	70.36	14.99
November	76.88	78.69	74.41	4.28	82.66	71.84	10.82	85.69	68.85	16.84
December	76.15	78.60	73.41	5.19	82.87	69.93	12.94	85.91	65.42	20.46
Means	77.81	79.98	74.96	5.00	83.31	72.72	10.78	87.02	69.56	17.46

* From 11 years' observations.

TABLE III.—Temperature of Evaporation* as shown by the Wet Bulb Thermometer

MONTHS	Monthly Mean Temp of Wet Bulb	Mean of the		Range	Mean of the		Range	Mean of the		Range
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means			Hourly Means.			Observation.		
January	70.34	73.99	66.24	7.75	73.09	66.53	6.56	76.87	60.74	16.13
February	71.33	74.84	66.88	7.96	73.84	67.77	6.07	77.39	60.81	16.58
March	74.39	76.22	71.87	4.85	76.40	72.02	4.38	79.18	67.21	11.97
April	75.88	77.69	73.60	4.09	77.79	73.88	3.91	79.96	70.88	9.08
May	76.04	77.92	73.84	4.08	77.61	74.34	3.27	80.16	71.09	9.06
June	74.44	76.88	72.26	4.12	76.00	72.83	3.17	78.84	69.74	9.10
July	73.69	70.47	71.66	3.81	75.14	72.10	3.04	77.45	68.98	8.47
August	73.51	70.00	71.96	3.04	74.96	71.98	2.98	77.34	69.61	7.73
September	73.43	74.78	72.16	2.62	74.89	71.81	3.08	77.41	69.62	7.79
October	73.04	75.20	71.63	3.57	70.27	71.08	3.69	77.05	68.44	9.51
November	73.38	76.18	70.62	4.56	70.69	70.76	4.83	78.25	66.77	11.48
December	71.09	74.17	66.55	7.62	73.64	67.69	5.95	77.02	61.29	15.73
Means	73.42	75.67	70.73	4.84	70.35	71.11	4.24	78.15	67.10	11.05


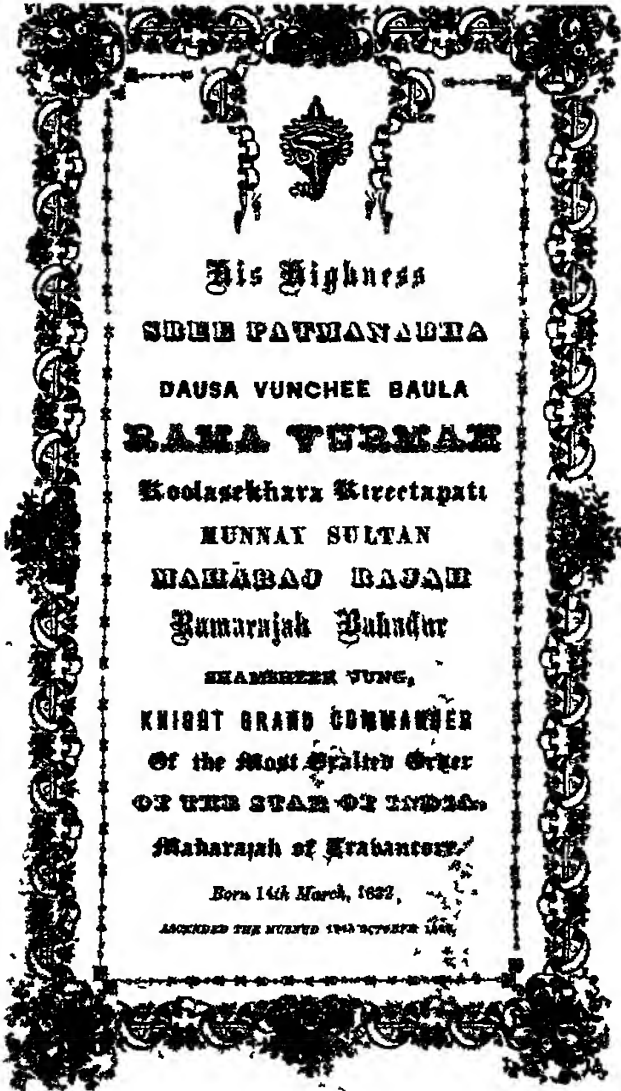
* From 11 years observations

TABLE IV.—Temperature of the Dew Point, Tension of Vapour, Humidity Velocity, Force and Duration of Wind, Rain Fall, Evaporation of Sea Water and Sky clouded

MONTHS	Mean											
	Difference between Dry and Wet Bulb	Temperature of Dew Point	Tension of Vapour	Relative Humidity Saturation $\pm 1\%$	Direction of Wind	Velocity of Wind per hour	Force of Wind per hour	Fr. of Sky clouded Whole sky = 100	Evaporation of sea water	Fall of Rain from 21 years observations, {1838-1864}	No. of rainy days	Fall in rainy days
	"	"	Inch			Mile	R		Inch	Inch	d	Inch
January	9.10	67.5	876	0.717	W	4.40	0.10	2.38	6.32	0.79	2	0.31
February	6.56	68.3	006	727	W b S	4.36	0.10	2.58	5.42	0.545	16	0.31
March	9.94	72.0	78*	759	W b N	5.02	0.13	3.60	9.84	1.033	42	0.47
April	5.12	73.9	838	792	W b N	5.30	0.14	5.30	3.85	0.977	10	0.00
May	4.15	74.5	850	827	N W b N	6.12	0.19	0.02	8.12	1.144	13	0.71
June	3.25	73.2	819	861	N W b W	6.44	0.21	7.48	5.9	1.451	23	0.16
July	2.97	72.0	800	870	N W $\frac{1}{2}$ W	7.04	0.22	1.7	6.30	7.223	19	0.38
August	3.15	72.2	792	883	N W $\frac{1}{2}$ W	6.98	0.18	0.94	6.96	4.798	16	0.29
September	3.59	72.0	786	845	N W b W	6.11	0.13	0.16	6.62	3.840	11	0.33
October	3.56	72.1	791	833	W N W	6.21	0.14	7.00	6.82	10.939	12	0.69
November	3.60	71.9	785	848	W b N	5.48	0.06	8.88	5.56	6.517	13	0.00
December	5.06	68.8	707	782	W $\frac{1}{2}$ E	3.83	0.05	8.62	7.25	2.306	3	0.49
Means	4.39	70.2	775	0.812	W N W	5.22	0.14	5.02	Sum	85.54	68.36	127.5

* From 5 years' observations
 † From 6 years' observations

‡ From 11 years' observations
 § From 3 years' observations



His Highness

SUBH PATMANABHA

DAUSA VUNCHEE BAULA

RAMA VERMA

Koolasekhara Directapati

MUNNAY SULTAN

MAHARAO RAJAH

Ramarnjah Bahadur

SHAMBEER YUNG,

KNIGHT GRAND COMMANDER

Of the Most Exalted Order

OF THE STAR OF INDIA.

Maharajah of Travancore.

Born 14th March, 1832,

ACCESSED THE MUSEUM 19th OCTOBER 1886.

Royal Family of Travancore.

BROTHERS OF THE MAHARAJAH

HIS HIGHNESS **CHANDRA VARMA KASAB.**

[Born 30th June, 1927]

HIS HIGHNESS **ELITE VARMA.**

Elliah Nayah of Travancore.

[Born 27th October, 1835]

HIS HIGHNESS **RAMA VARMA, R. M. S.**

First Prince of Travancore

[Born 19th May, 1857]

NEPHEWS OF THE MAHARAJAH

HIS HIGHNESS **MAHEENDRA VARMA.**

Second Prince of Travancore

[Born 14th December 1854]

HIS HIGHNESS **RAMA VARMA.**

Third Prince of Travancore

[Born 25th September, 1857]

NIECES OF THE MAHARAJAH

HER HIGHNESS **DEVIKUTTI BETT.**

Senior Niece of Travancore

[Born 23d July 1848]

HER HIGHNESS **VALWATTI BETT.**

Junior Niece of Travancore

[Born 24th September 1850]

GRAND NEPHEWS OF THE MAHARAJAH

HIS HIGHNESS SAKEDA FURMAN,

Fourth Prince of Travancore,

Son of H H the Junior Ranee,

[Born 20th August, 1864]

HIS HIGHNESS KADA FURMAN,

Fifth Prince of Travancore,

Son of Her Highness the Junior Ranee

[Born 3d December 1867]

HIS HIGHNESS MANTHADA FURMAN,

Sixth Prince of Travancore,

Son of H H Highness the Junior Ranee,

[Born 21th November, 1871]

KADA KADA FURMAN,

Cochos Coil Tambooran.

PHYSICIAN TO HIS HIGHNESS THE MAHARAJAH.

Surgeon Major J. M. HOUSTON, (Madras Med. Est.)

OFFICERS OF HIS HIGHNESS THE MAHARAJAH'S PALACE.

N. Subu Row	Servadity Kamurakar
T. Krishna Row	London & Commissioner
C. udene maw & Thunby	Chellum Kamurakar
Madaven Pillay	Vellitje
P. Govinda Pillay B. A.	Sampethy
Shingala Pillay	Shenistadu
Narasuen Thunby	Chellum Shenistadu
N. Runga Row, B. A.	Intor to the Prince
Said Moonaver Rallum Khan	Persian Moonshu
Kasaven Thunby	Kamurakar Mootla Tam barn & Palace
R. Quraun Modellu	Bhajan quraun Kamurakar
Shashu Iven	Acting Vaidika Kotarun Kamurakar
Pulpanabla Pillay	Cochinlampurakumar Vagay Kamurakar
Venkaju Row	Stable Kamurakar

BRITISH RESIDENCY OF TRAVANCORE AND COCHIN.

BRITISH RESIDENT

G A. BALLARD, ESQUIRE *Madras Civil Service, on other duty*

A. MacGREGOR, ESQUIRE Do Do Acting Resident

ASSISTANT RESIDENT

Major Woulfe Hay, *Staff Corps*

Treasury

The Assistant Resident
Padmanabha Modelhar

In charge
Residency Treasurer

Escort

Major Woulfe Hay

Commanding

Medical Establishment

Surgeon Major Walter Fry *Residency Surgeon, on leave to Europe*

Surgeon H. P. Esmonde White *Acting Residency Surgeon.*

Sillamon Sherriff (M E) *2nd Class Hospital Assistant.*

Office

T Swyny
A La Rive
E. DeLemos

Manager
Senior Clerk.
Accountant.

BRITISH SUBSIDIARY FORCE FOR TRAVANCORE

Station—Quilon

20th REGIMENT NATIVE INFANTRY

COMMANDANT

Colonel A. Stevens

CHAPLAIN

The Rev S T Pettigrow, M A

Government of Travancore.

HUZZOOR CUTCHERRY.

A. SASHIAH SASTRI,
DEWAN OF TRAVANCORE

P SHILAGGONT MENON	DEWAN PRISHCAR
T RAMA ROW	Do Do
N NANOO PILLAI	Do Do
S Shungri Soobier	Do Do

English Correspondence Department

F Watts	Secretary
V Sathuvageeswara Iyer, B A	Manager

Jemabundy Department

Tharavium Pillay	Melethoo Pillay
Moothookarroopa Pillay	Asst Do
Supramania Pillay	Sumpreth
Krishna Pillay	Do

Police Department

C Patcheappa Naicker	Sheristadar
----------------------	-------------

Mahmut Department

G Neelakunda Iyer	Sheristadar
C Colunda Valoo Moodelur, B C F	Irrigation Sheristadar, Nanjanad

Perrazage Department

T Raja Rama Row, B A.	Sheristadar
-----------------------	-------------

Sircar Vakeel Department

C Patcheappa Naicker	Head Vakeel
----------------------	-------------

Registration Department

L Soobramony Iyer	Huzzoor Registrar
Veeraragava Iyengar	Deputy Do

Treasury

Ninadath Govinda Kymal Treasurer

Deacons Department

T Raja Rama Row, B A Sheristadar
In charge

Mint

T V Sooba Row Superintendent

Unjell or Surkar Post

Nanoo Sastru Superintendent

Elephant Department

T Anajee Row Superintendent

—NON—

DIVISION CUTCHERRIES

OFFICERS IN CHARGE

DIVISIONS

Dewan Peishcar	N Nanoo Pillay	Trevandrum
Do Do	P Shungoonj	Meron Shertally or Northern
Do Do	I Rama Row	Quilon
Do Do	Shringa Soobier	Pulpantha, uam or Southern

JUDICIAL DEPARTMENT

SADR COURT OF TRAVANCOR

T Chellappa Pillay, B A & B I	1st Judge
W E Ormsby, M A I I D, Barrister at Law	2nd Judge
T Vedalingadassu Moodchar	3rd Judge
T Kristna Iyen	4th Judge
Ramaswamy Shastru	Pundit
K. Krishna Pillay	Acting Registrar
C S Maragathavaloo Moodchar	Do Manager
T Hariharu Soobien	Do Sheristadar
P Madaven Pillay	Melolothoo
C Patchappa Naicku	Head Surkar Vakeel

*Licensed Pleaders in the Sadr Court, who have authority to
plead in the Zillah Courts*

* William Sydenham Gantis Bar rister at Law Do	A Krishna Sastry alias Pitchoo Ranga Iyengar Sastry [Sastry] Krishna Sastry Sreeneevasa Iyengar Sastry Sivaswamy Sastry Sivarama Krishna Iyen N S Sootramany Iyen Ramen Pillay A Gopala Iyengar, B A & B L I H Prince G Vansomoren Barrister at Law Krishna Iyen S Vythcanatha Iyen S Locho Barrister at Law Krishnen Coonhen Voncata Nariannha Iyen R Valoo Pillay Coonhoo Pillay T K Achoothen Pillay Narayanan Coonhen A Gopala Iyen Narayana Kymal Gopala Menone G Rama Row N Swaminada Pillay E K Venkaswamy Row C Luke C N Kashava Pillay Sootramonya Iyen P J Ponnen Vestanumby Iyengar Sastry S Moothookrishna Pillay Pirromala Achary E Ramayen S Krishna Iyen V Vencata Row G P Savundranayagam Pillay BA & B L
* Alfred G Gover	
* Jegganatha Row	
Kungacharier	
Subramania Pillay	
Govinda Row	
P Govinda Numbudri	
Veeraragava Iyengar	
Vencatarama Iyengar	
Seaha Iyengar	
Coopa Sastry	
Nambu Iyengar	
G Krishna Iyen	
Moothoocomaraswamy Pillay	
Sthanoo Sastry	
Sooba Sastry	
Kama Row	
V Arathen Pillay	
Krishnacherry	
Thamperanthola Pillay	
J S Vernede	
K Pulpanaba Pillay	
R S Anantha Krishna Sastry	
T P Appa Vajapayer	
V Sooba Iyen	
Soondra Sastry	
Anna Sastry	
Ramanatha Row	
Gopala Sastry	
H M Walker	
A Vencata Row	
C Vencataswamy Naidoo	
Krishna Row	
V Ramaswamy Sastry	
Sreeneevasa Iyengar Sastry	
Aravamoothoo Iyengar Sastry	
Ramascooba Sastry	

These are not practising in the Travancore Courts at present

DISTRICTS OR ZILLAH CIVIL COURTS.

Trevandrum

M K Pulpanaba Pillay, B A	Acting 1st Judge.
C Singaravaloo Moodliar	Do 2nd Judge
T t Loyd	Additional Judge
S Thumperanthola Pillay	Sircar Vakeel

Licensed Pleaders

K. naya Pillay	Krishna Iyengar
Anandarama Iyen	Valayooden Pulpanaben
I. Arathen Pillay	Venkatachelm Iyen
Pulpanaba Iyen	Suthinayageswara Iyen
Sivathanoooven Ramen	N Pulpanabha Pillay
Raghoonatha Row	J Vencatarama Iyengar
Ramaswamy Iyen	Samoo Iyen
Mullen Pillay	Ramen Pillay
Iyeppen Pillay	C Vajayaragavaracharier Sastry
Coomara Pillay	K. Achoothen Pillay

Padmanabapooram

C G Gressieux
V Soobba Row
M Ramen Pillay

Acting 1st Judge
Do 2nd Judge.
Sircar Vakeel

Licensed Pleaders

Ramen Pillay
V Krishna Iyer
Ramasoobha Sastry
Oodayamoothoo Iyer
T Neelacunda Pillay

Devaraja Iyer
Ramasoolramany Iyer
B Krishna Iyer
Krishnamanacharnar

Quilon

R Ragunatha Row, B A
T Lairesnaus
A Govinda Pillay, B A. & B L
Ramen Menone
S Vytheanatha Iyer

1st Judge
Acting 2nd Judge
Do Addl Judge
Do Do
Sircar Vakeel

Licensed Pleaders

Mathaven Pillay
Narayana Iyer
Krishnan Pandala
Neelacunda Pillay
Venkatanarasimha Iyer
Meenatcheesoochoo Iyer
G Ramen Pillay
T Krishna Sastry

S Govindan Pandala
Cochokrishna Pillay
Ganapathy Iyer
R Venupall
Krasava Pillay
G Ganapathy Iyer
Setha Iyer
Nagappa Row

Alleppey

G S Arianayagom Pillay, B A & B L
V Vencata Row
Sashathri Sastry
Soondra Iyer

Acting 1st Judge
Do 2nd Judge
3rd Judge
Sircar Vakeel

Licensed Pleaders

Manoo Iyer
Venkataramana Iyer
Sangara Narayana Iyer
Gopala Pillay
Manoo Pillay
Jenarthanapillapully
Renganatha Iyer

Sangaranarayana Iyer
Ramaswamy Sastry
S Ramaswamy Iyer
Annaswamy Iyer
Veetamghava Iyer
Gothendaruna Sastry
Krishna Vaimar

Paravoor

T R. Narayana Pillay

Acting Judge

~~Consul Pillay~~

Sircar Vakeel

of the Court of Sessions & District Judge

Licensed Pleaders

Syed Badoodeen
Krishna Menon
Ramen Menon
Rama Putter
Itrachin Kooroopoo
Ramoony Menon
Aroonhallem Iyen
Valoo Pillay

Kashava Menon
Narayana Pillay
Shamoo Iyen
Govinda Kooroopoo
Pitchoo Iyen
Govinda Pillay
Annathora Sastiy

MOONSIFF COURTS

Vadashery
Pulpanalakpooram
Parachallay
Trevandrum
Perapencode
Quilon
Krishnapooram
Kottaracarny
Thiruvella
Shencottah
Aripad
Vilome
Yetmanoor
Ambalapoully
Moovattoopoolay

Kasava Pillay
Venkatakrishna Iyen
M Hoogewerf
Ramaswamy Iyen
Pulpanaba Pillay
Pulpanaba Iyen
Thomas Mathay
Kully Pillay
Sasha Iyen
Sivasubramania Pillay
Marrihapootra Pillay
Gopala Iyen
J DeLemos
Nuniahury Row
Anendachary, doing duty at
Parachallay
Soobramania Sastri

Paravoor

Additional Moonsiff Courts

Nagercoil
Parachallay

Trevandrum
Krishnapooram
Alleppy
Yetmanoor

M C Neelacunda Pillay
V Hurihara Iyen doing duty
at Moovattoopoolay
Sreenivasu Iyengar
A Soobramania Pillay
Shangra Pillay
Sivathanoo Pillay

COURTS OF APPEAL FROM THE DECISIONS OF SPECIAL MAGISTRATES

W F Ormsby, M A I L D Barrister at law, Special Appellate Judge

MAGISTRATES

P Shungoony Menon	Dewan Pithari and Magistrate			
	Northern Division			
T Rama Row	Do	Do	Do	Quilon Do
N Nanoo Pillay	Do	Do	Do	Pervanduran Do
S Shungra Soobier	Do	Do	Do	Southern Do
Hugh Crawford	Town Magistrate Alleppey			
J D Munro	Magistrate Cardamom Hills			
C R Vernede	Conservator of Forests and Magistrate			
W T A Coshy	Superintendent and Magistrate Central & Southern			
	Cafee Districts			

Special Magistrates for the trial of offences committed by European British Subjects

O H Bensley B A	Pervanduran
Hugh Crawford	Alleppey
J D Munro	Idukki

TAHSILDARS

Moothooki Chua Nuck	Tahsildar and Sub M	Thovalay
Soobramany Pillay (Ag)	Do	Idukki
Rumun Pillay	Do	Idukki
Coomara Pillay	Do	Idukki
Hurri Row	Do	Idukki

Principals of the District

Thiruvicramen Thunni (Ag)	Do	Idukki
Narayana Iyen, 2nd	Do	Idukki
Krishna Pillay	Do	Idukki
Soobramany Iyen	Do	Idukki
Neelacunda Pillay	Do	Idukki

Quilon District

Ramaswamy Iyen	Do	Idukki
Narayana Pillay	Do	Idukki
Ramen Pillay	Do	Idukki
Chockalingam Pillay	Do	Idukki
Sooboo Iyen	Do	Idukki
Letchmepathi Iyen	Do	Idukki
Rama Row	Do	Idukki
Iyappan Pillay	Do	Idukki
Ramachundri Iyen	Do	Idukki
Martharaputhra Pillay	Do	Idukki
Vythianatha Iyen	Do	Idukki

Northern Division

Eravee Pillay	Do	Do	Vycome
Pulpanaba Naidoo	Do	Do	Sertalay
Pulpanaba Pillay	Do	Do	Yettomanoor
Peraveparamaul Pillay	Do	Do	Cottayam
Kashava Pillay	Do	Do	Chunganacherry
Gopanta Pillay	Do	Do	Meenachel
Kashava Pillay	Do	Do	Moovitoopolay
Sooriamurthi Pillay	Do	Do	Thodopoolay
Madaven Pillay (16)	Do	Do	Kunnathmaud
Chembagaraman Pillay (16)	Do	Do	Aulungaund
Coomara Pillay	Do	Do	Paravoor

SUB MAGISTRATES

Southern Division

Greenetias Hon	Salt Characteristidar & Sub Magistrate
Soondri Valoo Moodhar	Sub Magistrate Irrigation Department
	Nanjenaud
Soohoo Poo	Sub-Magistrate Kotar
Soobaraya Pillay	Do Aranholv
Pulpanaba Pillay	Do Kallur
Madaven Pillay	Do Thiruvittar
Ramakrishna Pillay	Do Colachel
Yagappa Pillay	Master Attendant & Sub Magistrate for enforcing Boat rules Colachel

Central Division

K Pulpanaba Pillay	Town Sub Magistrate, Iravandrum
P Krishna Menon	Sub Magistrate Parachalay
Narayana Pillay	Do Poozar
Pulpanaba Iyen	Do Nemum
Vuratha Iyen	Do Kalacootum
Soobaravaloo Naidoo	Do Nadayarrah

Eastern Division

P White	Town Sub Magistrate	Quilon
Etchmana Iyer	Do	Idaravoor
Pulpanaba Pillay	Do	Colathoorpolay
Govinda Pillay	Do	Kayencolum
Mathaven Pillay	Do	Puthamuthitta
Govinda Pillay	Do	Pooleenoonoo

North Western Division

Ivathora Iyen	Town Sub-Magistrate	Alwaye
Kashava Pillay	Do	Ariyad
Narayana Pillay	Do	Arcecootty
Aryabna Pillay	Do	Pteratum
Soohramanya Pillay	Do	Komaragum
Ramen Pundalay	Do	Kanjarapully
Neelacunda Pillay	Do	Monumbum

Tamil Nadu

R LaBouchardiere	Sub Magistrate
	Center Land & Settlement Office District
Coochookrishna Pillay	Sub Magistrate Athermalay

TRAVANCORE GOVERNMENT ESTABLISHMENTS, INSTITUTIONS, OFFICES, &c

MILITARY.

Nair Brigade

Names	Date of first Ap- pointment to the		Rank and date of Commission in Her Majesty's Army		To what Corps and Presidency belonging	Rank and Appointment in the Travancore Service
	Trans	Coast				
S G Canfield	7th July 1875		Major 20th Oct 1874	Madras Staff Corps		Major Commandant, of the Brigade
C De L Gostling	29th Dec 1872		Capt 20th Jan 1870	Do do do		Captain Comd 1st Batt and Artillery, (on Furlough to Europe)
J G R D Mac Neill	13th April 1874		Do 13th April 1873	General List		Captain Comd 2nd Batt and in charge of the Band
A McGoun	18th Augt 1871		Major 9th Dec 1874	Madras Staff Corps		Major Actg Comdt. 1st Batt & Artillery
J G R D Mac Neill						Staff Officer
A McGoun	23d July 1871	Local				Quartr Master
J Sperschneider, M D	6th Sept 1840					In Medical charge
Valathen Pillay	7th Jan 1838					Subadar Major, 1st Battalion
Ramen Pillay						Do Do 2nd Do
C A Vatcher	13th Oct 1837	Local				Band Master

UNIFORM { 1st Battalion Scarlet—FACIN'S EBLE GREEN } LACON GOLD
 2nd Do do do do do do
 The Native Infantry portion of the Brigade consists of 2 Battalions each Battalion of 8 Companies and each Company of 1 Subadar
 1 Jemadar 5 Havildars 3 Naiguns 1 Drummer 1 Fifer and 75 Privates
 The Infantry are armed with smooth bore percussion muskets
 In the Artillery there are 1 Jemadar 3 Havildars 2 Naiguns and 25 Privates with 4 guns two 8 & two 12 Pounder Howitzers
 The Band consists of 1 Havildar 1 Naigun and 30 Musicians
 To each Battalion is attached 1 Accutant 1 Native Writer 8 Company Writers 1 Apothecary 1 Puckally and
 To the Brigade, 1 Sept Major 1 Interpreter 1 English Clerk 1 Paymaster 2 Native Writers 1 Store superintendent 1 Do English
 Clerk 1 Do Native Writer 1 Tailor 5 Artificers 1 Chucker and 1 Toly

MEDICAL DEPARTMENT.

Surgeon Major J M. Houston,
Physician to His Highness the Maha Rajah of Travancore

Assistant Surgeon S Pulney Andy M. D
Superintendent of Vaccination

M John M. B., C M Charity Hospital, Trevandrum.

List of Medical Subordinates

RANK	NAME	WHERE DOING DUTY
Sub-Assistant Surgeons	L. Belle	Medical Stores and Jail Hospital Trevandrum.
	Ramaswamy Rajoo	Huzoor Cutcherry &c Establishments
	H. W. Martin	In medical charge at Alleppey
	T. L. Anderson	do do Nagercoil.
Apothecaries	T. Ramaswamy Pillay	Palace
	Appavoo Pillay	Nair Brigade
	T. Swamyathia Pillay	In medical charge at Mavalouray
	T. Veerappa Pillay	Do do Quilon.
1st Class Asst Apothecaries	R. Cundarwamy Pillay	Do do Cottayam
	S. Krishna Pillay	Do do St. Joseph's
	A. Narayana Row	Charity Hospital, Trevandrum
	S. B. Sawyer	General & Maternity Hospitals Trevand
	T. Krishna Rajoo	In medical charge at Pulpamalepporum
	M. J. Carvalho	Lunatic Asylum Trevandrum
	L. Pulpoos Pillay	Jail Hospital Trevandrum
	R. R. Appavoo Pillay	In medical charge at Mavaluray
2nd Class Asst Apothecaries	K. Narayana Row	On special duty Shertallay Division
	K. Mothoswamy Pillay	Nair Brigade
	F. Rosario	In medical charge at Alwaye
	M. Krishnaswamy Pillay	Do do Wundway Barrier
	M. Shivaramakrishna Pillay	Attached to H. H. the 2nd Prince
	M. N. V. unda Pillay	Shertallay—absent on other duty
	E. Valoo Pillay	In medical charge at Parachalay and Neyatuncurry
	J. C. Cross	On special duty Quilon
3rd Class Asst Apothecaries	G. Arundalam Pillay	Palace
	N. Govinda Pillai	Attached to H. H. the 1st Prince's Palace
	A. Kashana Pillay	In medical charge at Poomalore
	F. Fernandes	On special duty Quilon
	J. LaBouchardiere	Do do Poovar
	J. Gomez	General Hospital Trevandrum (lay)
	Ahmed Hussein Sahib	In temporary medical charge at Shertal
	V. Sooboo Pillay	In medical charge at the Cardamom Hills
Medical Pupils	C. Therayum Pillay	Medical Stores Trevandrum
	R. Subramany Pillay	Peermade
	S. Thappaya Pillay	On special duty at Alleppey
Medical Students	V. Narayana Pillay	Do do Southern Division
	A. Mothoswamy Pillay	Medical School Trevandrum
	K. Ibrahim Sahib	
	J. Mathew	
	S. R. Swyny	
	J. Gomez	
	R. Vioyra	
	R. Chembacarama Pillay	
	P. Chokalingum Pillay	
	M. Neelaramda Pillay	

Durbar Physician's Office

N Govindappillai
S Letchmana Pillay

Correspondence Clerk
Assistant do do

General Hospital, Trevandrum

The Physician to H. H. the Maha Rajah,
Superintendent.

Mr S B. Sawyer

Apothecary

Lying-in-Hospital, Trevandrum

The Physician to H. H. the Maha Rajah,
Superintendent.

Mrs. S. C Ashton

Matron.

Charity Hospital, Trevandrum

The Physician to H. H. the Maha Rajah,
Superintendent

M John M. B., C M.

In Medical charge

Lunatic Asylum, Trevandrum

The Physician to H. H. the Maha Rajah,
Superintendent

Mr M J Carvalho

Apothecary

Vaccination

The Durbar Physician,
General Superintendent

S Pulney Andy, M D

Superintendent

Meenachee Soondrum Pillay

Head Vaccinator

The Establishment consists of 41 Vaccinators divided into 4 classes

Medical School, Trevandrum

Anatomy
Physiology
Therapeutics and Materia Medica
Surgery
Midwifery
Practice of Medicine
Forensic Medicine
Clinical Instructions
Vaccination
Practical Pharmacy

Dr Sperschnaider

Dr M John

Dr Sperschnneider

Durbar Physician

Dr Pulney Andy

At all the Hospitals.

PUBLIC WORKS DEPARTMENT.

W O Barton, M. Inst. C E.

Chief Engineer

Permanent Executive Establishment

A H Jacob B A	1st Assistant Engineer	
S Horsley	2nd	Do
G M. D'Albedyhl	3rd	Do
D McNab	Supervisor	
	Do	
	Do	
H. M. Crawford	Assistant Supervisor	
J Sinclair	Do	
P Davaigamony Pillay	Do. (Acting)	
Chinnasamy Naidoo	Overseer	
A. G King	Do	
T A Wood	Do (Acting)	
	Do	
A Gooroomoorty Naidoo	1st Class Assistant Overseer	
N Rungasamy Pillay	Do	do.
J A D'Silva	Do.	do
J E Ottmann	Do	do.
M T Soobramania Pillay	Do	do
S. V Appavoo Pandit	Do.	do. (Pro.)
C Cordroy	2nd Class	do
G Renganatha Pillay	Do	do
S Vythalingom Pillay	Do	do
	Do	do
	Do	do
	Do	do
V Coopasamy Iyen	Sub Overseer	
M Soobaraya Pillay	Do	
P Appavoo Pillay	Do	
B. Abboy Naidoo	Do.	
Annatoray Iyen	Do (Suspended)	
M. Kashava Pillay	Do	
N Kashava Pillay	Do	

Supernumerary Executive Establishment

N Dollamore	Supt of Tunnels, Warkullay
J Whitbread	Assistant Supervisor
G Stafford	Overseer

Survey and Drawing Pupils' Establishment

M Marthanda Pillay	Survey Pupil.
Manikavasagam Achary	Drawing Do
C Moothoosamy Pillay	Do

Permanent Office Establishment

Central Office, Trevandrum

O R. Mitchell	Manager
J W Boomgardt	Correspondence Clerk
A Vieyra	Clerk
A. C Soobramania Pillay	Translator
J Jackson	Head Draughtsman
C David	Draughtsman (on Survey duty)
W Wheeler	Assistant Do.
D Govind Sing	Storekeeper
A. Thompson	Assistant Do.
C Swamy Moodalliar	Cash keeper
A. C Soobramania Pillay	Do (Acting)

Assistant Engineers Offices

Quilon Division, Head Quarters, Quilon

R. Vythanatha Iyen	Head Clerk
J Anthony	Clerk

Southern Division, Head Quarters, Nagercoil

A S Gomez	Head Clerk
Ramalingom Pillay	Cash Writer

Northern Division, Head Quarters, Oottayam

M B Gonsalvez	Head Clerk
V Daniel	Clerk

REVENUE SURVEY DEPARTMENT.

J Arkhe,
Surveyor

J Jones	Assistant Surveyor
J Bronkhurst	Do Do (Temporary)
J Jones, Jr	Detail Surveyor
N Mooneswamy Naidoo	Draughtsman.
T. Anlamkhan	Do.
O Cernakara Menone	Computer
K Kristna Iyen	Do.

OBSERVATORY, TREVANDRUM.

Oocheravay Pillay	In charge.
Pulpanakha Pillay	Assistant.

MUSEUM, TREVANDRUM.

Rev S T Pettigrew, M A
Honorary Secretary in Charge

J T Murray

Writer

PUBLIC GARDENS, TREVANDRUM.

Rev S T Pettigrew, M A
Honorary Secretary in Charge.
Head Gardener

SINGAR PRINTING PRESS.

Geo Bain,
Superintendent

M. Vytheanatha Pillay Head Printer
Simon D Cruz Head Book Binder & Overseer, Printing Presses
Maroothanayagam Pillay Do Warehouse Dept.

EDUCATIONAL DEPARTMENT.

ENGLISH

H. H. the Maharajah's High School and College,
Trevandrum

Principal—John Ross, M A
College.

John Ross, M A	Professor of English & Mathematics.
Robert Harvey, M. A.	Do Do. Mental & Moral Philosophy and Logic.
R S Sheppard, B. A.	1st Assistant
K Vasudava Row	2nd Do
A Vallyannuntham Moodshar, B A.	3rd Assistant.
N Rama Kurupu	Malayalam Moonshce
C Swaminatha Desikar	Tamil Do
S Vythanatha Sastri	Sanscrit Do

High School

All the teachers in the College, and besides

K Koonjoony Menon, B A	Teacher of the Fifth Class
S. Ramalingam Iyen, B A.	Do
C Luke	Do
P Palpoo Pillay	Do
Fourth Class Teachers	6
Third Do do	6
Second Do. do.	1
Syed Lafoddien Khan Sahib	Hindustani Moonshee
A. Ramaswamy Iyen	Asst Malayalam Do
M. Swaminatha Pillay	Do Tamil Do
Writer	1

Preparatory School

Masters	T Nagau Thumpy
Monitors	7

Law Class

W E. Ormsby M A, L L D, Barrister at Law Professor

—o—

* District Schools.

O H Bensley, B A
Acting Superintendent.

N Sesha Iyer	Master	Alleppey
J Burbey	do	Kottar
J B Brown	do	Quilon
K. Narrain Row, Acting	do	Tuckallay
	do	Ernoel
N Ganapathy Iyen	do	Shencottah
M Matthew	do	Kayencollum.
K. Seetharama Iyen	do	Mavalikara
K. Shangkara Pundalay	do	Tiroovellah.
L. D'Silva	do	Chunganacherry
J Rice	do	Sherainkel
T Anandanarayana Iyer	do.	Attimgel
W R Landsbeck	do	Paravoor
T Vencuttarama Iyer Ag	do	Kottarakuray
T Bhoojung Row	do	Poothapandy
R. Appathoray Iyen	do	Coolitorah
K. Valoo Pillay	1st Asst. in charge	Colachel
V Krishna Iyer	Master Special School	Mavalikara

Sircar School for Girls, Trevandrum

Conducted by

Miss Mainwaring (*on leave*)

Miss A C Donnelly Acting

Subjects taught

Geography, Grammar, Composition, Natural Philosophy, Euclid, Lessons on Objects, &c, in addition to the usual Educational routine Accomplishments —Music, Drawing, Fancy work, &c, &c

Vernacular

Neelakunda Pillay,

Director of Vernacular Education

Rama Row	Inspector, Southern Range
Anandanarayana Iyen	Inspector, Northern Range
Coonjookristna Pillay	Inspector, Grant-in aid Schools
Pitche Pillay	Deputy Inspector
Kristna Iyen	Do
Gopala Pillay	Do
Kristna Pillay	Do
Sasha Iyen	Do (<i>on other duty</i>)
Pulpanaba Iyen	Do
Koshee	Do
Cochoo Pillay Varior	Do
Valoo Pillay	Do
Pulpanaba Pillay	Do
Samy Iyen	Do
Amroothanatha Iyen	Do
Anandakrishna Iyen	Do
P Mathaven Pillay	1st Master, Central Vern. School.
Ramakrishna Iyen	Do. Karamanay Girls' Do
Ganapathy Iyen	Do Fort Girls' Do
Ananden Pillay	Do Soochendrum Do
Pulpoo Iyen	Do Kottar Do
Shivarama Pillay	Do Kottar Tamil Do
Vencadaswera Iyen	Do Erneel Do
Soobramany Iyen	Do Neyattinkaray Do
Harihara Iyen	Do Kulcoolum Girls' Do
Boothalinga Iyen	Do Throovuttar Do
Pulpoo Thumbay	Do Velavencode Do
Sooriyanarayana Iyen	Do. Kulcoolum Do
Mahalinga Sastri	Do Nedoomungad Do
Vencataswara Iyen	Do Kottarakaray Do
Parameswaren Pillay	Do Sherninkeel Do

Parasoorama Iyen	1st Master	Quilon	Do
Shungaranarayana Iyen	Do	Quilon Girls'	Do.
Govinda Pillay	Do	Karoonagapully	Do
Govinda Varior	Do	Kartagapully	Do
Shungoo Varior	Do	Mavalikaray	Do
Sreennevasa Iyen	Do	Chenganoor	Do
Ramakrishna Varior	Do	Thirovella	Do
Easwara Iyen	Do	Ambalapoolav	Do.
Pulpanaba Iyen	Do	Sheritalay	Do.
Atchootha Varior	Do	Vycome	Do.
Madava Iyen	Do	Cottayam	Do
Soobramoney Iyen	Do.	Chunganacherry	Do
Narayana Pillay	Do	Paroor	Do
Narayana Iyen	Do	Coonathoor	Do
Proverty Schools			185
Grant-in aid Schools, Trevandrum			20

Book Depot, Trevandrum

M Parameshuaren Pillay Superintendent

CENTRAL JAIL, TREVANDRUM

The Physician to H. H. the Maharajah,
In Medical charge.

C Krishna Iyen Superintendent

COMMERCIAL DEPARTMENT, ALLEPEY.

Hugh Crawford,
Commercial Agent

Narraina Row Sheristadar of the Commercial Dept
and Accountant of Railway Receipts
P P Van Ross Head Clerk

MASTER ATTENDANTS.

Hugh Crawford		Allepey
P White	Acting	Quilon
Yagappa Pillay	Do	Colachel

FOREST DEPARTMENT

Conrad R. Vernede,
Conservator of Forests and Magistrate

J Scipio Vernede, Junior	Assistant to the Conservator
M Thomas	Do Do

CARDAMOM DEPARTMENT

J D Munro,
Superintendent and Magistrate, Cardamom Hills

CUSTOMS DEPARTMENT.

Hugh Crawford	Custom Master, Allepey	
F L DeLemos	Supt of Customs, Allepey Range	
Narayana Iyengar	Do	Arsecotty do
Rassool Khan	Do	Arneavoo do
M Soobraya Pillay	Do.	Aramboly do
Pitchoo Iyen	Do	Quilon do
Rama Iyen	Do	Colachel do

GARDENS MARYVILLE (PEERMUDE.)

J D Munro,
Superintendent of Cardamom Hills In charge.
J Fernandez Clerk

BOUNDARY SETTLEMENT COMMISSIONS.

Commission for the Settlement of Boundary between Travancore
and the British Provinces of Tinnevely, Madura and
Cumbatore

C B B Sherman Commissioner

Commission for the Settlement of Boundary between Travancore
and Cochin

P Shuangoon Menon	Commissioner
M. Chockalingom Pillay, B A	1st Sherestadar
Pulpoo Pillay	2nd Do

COFFEE DEPARTMENT.

T A. Cosby	Superintendent and Magistrate Central and Southern Coffee Districts
Cochookrishna Pillay	Sub-Magistrate Athermalay

CENSUS DEPARTMENT.

V Nagama Aiyah B. A. Superintendent

BRITISH GOVERNMENT INSTITUTIONS AND OFFICERS IN TRAVANCORE

CHAPLAINCY OF TREVANDRUM.

Revd S T Pottigrew, M A

Chaplain

MILITARY FAMILY PAYMENTS AND PENSIONS, TREVANDRUM

In charge

POST

E H Gregory,

Inspector of Post Offices Palamcottah Division

S Rungiah Chetty	Post Master	Trevandrum
J D Souza	Head Clerk	do
Thanoomalayaparoomal Pillay	2nd Clerk	do
Andi Achary	3rd do	do
T Pedhu Naidoo	Deputy Post Master	Nagercoil.
S Theravium Pillay	Do	Quilon
Lachoomana Pillay	Clerk	do
I Soobramania Pillay	Deputy Post Master	Allepey
Veerappah Pillay	Clerk	do
Stephen Leone	Deputy Post Master	Cottay an.
T Kristnaswamy Chetty	Do	Sherthally
B. Ahmad kan	Do	Colachel.
Kristna Iyer	Deputy Post Master	Ashamboos
Soobramania Pillay	Do	Peermade.

ELECTRIC TELEGRAPH

C Duffin,

Assistant Superintendent In charge—Trevandrum Sub-Division.

W G Harvey	Telegraph Master	Allepey
F X. Cleur	Do	Quilon
A. H F Prime	Do.	Trevandrum
C R. Ferguson	Do	Nagercoil

SUB-MAGISTRATES

Swamynatha Iyen
C Laport

Anjengo
Tangacherry — Employed
by the Sircar to superintend
its farm of Tangacherry

THIRTY-THREE SOVEREIGNS OF TRAVANCORE,

IMMEDIATELY PRECEDING HIS HIGHNESS THE PRESENT

MAHA RAJAH

NAME	Date of Accession to the Muzud.	Length of reign
1 Sree Veera Rama Martanda Varmah Rajah	1330 36	40
2 Errawee Varmah Rajah	1337 76	7
3 Kaler Kolashagara Perumaul (for a short time)	1332 88	
4 Chara Oodeah Martanda Varmah Kolashagara Perumaul Rajah	1 82 83	62
5 Wemaut Mootu Rajah	1333 45	14
6 Sree Veera Martanda Varmah Rajah	1358 09	13
7 Addittea Varmah Rajah	1371 72	7
8 Errawee Varmah Rajah	1376 79	20
9 Sree Martanda Varmah Rajah	1501 01	
10 Sree Veera Errawee Varmah Rajah	1504 05	24
11 Martanda Varmah Rajah	1528 29	9
12 Oodeah Martanda Varmah Rajah	1537 38	28
13 Karoola Varmah Rajah	1560 61	3
14 Addittea Varmah Rajah	1563-64	4
15 Oodeah Martanda Varmah Rajah	1567 68	27
16 Sree Veera Errawee Varmah Kolashagara Perumaul Rajah	1591-95	10
17 Sree Veera Varmah Rajah	1604 05	2
18 Errawee Varmah Rajah	1606 07	13
19 Oonnee Karoola Varmah Rajah	1619-20	6
20 Errawee Varmah Rajah	1625 26	6
21 Oonnee Karoola Varmah Rajah	1631 32	30
22 Addittea Varmah Rajah	1661 62	16
23 Oomayammal Rane	1677 78	7
24 Errawee Varmah Rajah	1684-85	31
25 Oonnee Karoola Varmah Rajah	1718 19	6
26 Rama Varmah Rajah	1724 25	5
27 Vunjee Martanda Varmah Kolashagara Perumaul Rajah	1729-30	29
28 Vunjee Baula Rama Varmah Kolashagara Perumaul Rajah	1768 09	40
29 Baula Rama Varmah Kolashagara Perumaul Rajah	1798 09	18
30 Rane Gourree Letchmy Blye	1811 12	4
31 Rane Gourree Parvatee Blye	1815 16	14
32 Vunjee Baula Rama Varmah Kolashagara Perumaul Rajah	1829-30	18
33 Vunjee Baula Martanda Varmah Kolashagara Perumaul Baghodya Martanda Varmah Rajah	1846-47	18
His HIGHNESS the present Maha Rajah	1860 61	

BRITISH RESIDENTS OF TRAVANCORE AND COCHIN.

Colonel C Macaulay, appointed in 1800 relieved 4th March 1810
 Colonel J Munro appointed 2nd March 1810, relieved 24th January 1819 [1820]
 Colonel G McDonall appointed 2nd April 1811 died 7th November 1821 [December 1829]
 Colonel D Newall C B appointed 15th February 1821 relieved 1st May 1827 [December 1829]
 Colonel W Mouison C B appointed 13th March 1827 relieved 7th Lieut Colonel F Cadogan, (acting), appointed 20th December 1829 relieved 24th June 1831 [Jan 1836]
 J A Casamayor, Esq appointed 11th April 1834 relieved 12th Janu
 Colonel J S Fraser appointed 5th January 1836, relieved 15th August 1838
 Captain A Douglas, (acting) appointed 3d August 1838, relieved 1st November 1839 [July 1840]
 Lieut-Colonel T Maclean, appointed 4th October 1838, died 31st Lieut-General W Cullen appointed 8th September 1840 relieved 11th January 1860 [1862]
 F N Malby, Esq, appointed 1st January 1860, relieved 1st May Wm Fisher, Esq, appointed 1st May 1862 relieved 7th April 1861
 H Newall, Esq, appointed 15th April 1864 on Privilege leave 1867
 A MacGregor Esq (acting) appointed 20th February 1867, relieved 27th May 1867 [1869]
 H Newill Esq resumed Office 27th May 1867 relieved 26th March G A Ballard, Esq appointed 9th March 1869 on furlough 1870
 J I Minchin Esq (acting) appointed 11st March 1870 relieved 22nd June 1871 [1874]
 G A Ballard Esq resumed Office 22nd June 1871, on privilege leave Major J I J Ploomfield (acting) appointed 11th July 1874 relieved 11th October 1871
 G A Ballard Esq resumed Office 11th October 1871 on other duty 1875
 Major W Hay, (acting) appointed 19th April 1871, relieved 11th October 1875
 A MacGregor Esq (acting) appointed 11th October 1875

DEWANS OF TRAVANCORE

Oomanv Thumbv	1805
Devon Palpanauben	1814
Shangoo Annay	1815
Ramen Menoven	1816
Vencutrow	1817
Vencata Row	1822
Soobrow	1830
h Runga Row (acting)	1837
R R Vencata Row	1838
Soobrow	1839
V Kristno Row (in charge)	1842
Vencutrow	1843
Sreencetassa Row, (in charge)	1845
V Kristno Row	1847
Sir F Madava Row	1858
A Sashiah Sastra	1872

CHRISTIAN MISSIONS IN TRAVANCORE. PROTESTANT

London Missionary Society

Mission Stations and Sub-Stations	When commenced	Missionaries	Time of arrival in Travancore	No. of Christians	No. of Schools	No. in Boys' Schools	No. in Girls' Schools
Nagercoil (including Kottaram)	1809	Rev James Duthie*	1850	7,807	46	1,303	430
(Do Home Station)		Samuel Jones	1871				
Tittuvadi	1866	George O Newport	1863		6	298	75
		(Vacant)	(Native)	1,080	10	292	47
Neyoor	1828	" C. V. osudan	1854				
		Frederic Baylis	1864				
		William Lee*	1873	6,933	32	1,156	191
(Do Home Station)		Dr T S Thomson	(Native)				
Paraychaley	1845	James Emlyn	1868	617	35	857	163
Trevandrum	1838	Samuel Marcor, F L S	1859	4,139	9	177	47
Quilon	1821	Frederick Wilkinson	1860	486	8	151	37
				34,263	146	4,312	990

Nagercoil Seminary

Principals	Rev James Duthie*	Work done in Pages		
Assisted by Teachers	G O Newport	English	Malayalm	Tamil
No of Students	173	23,912	4,000	29,71,660
		Total 3 European Missionaries		
		* In England, 11 Native		
		Total 29,99,562		

London Mission Press, Nagercoil

Church Missionary Society in Travancore and Cochin

Mission Stations	When Commenced	Missionaries	Time of First in Travancore	No of Baptized Christians	No of Boys in School	No of Girls in School	No of Students in College	No of Printing Presses
Cottayam Pullum and Vunda College	1838	R. v. H. Baker T. H. Bishop W. J. Roberts T. M. Speckly M. A.	1843 1867 1872 1880	7763	724	322	146	5
Chun Nch Institution Press	1861						94	
Pullum	1816	H. Baker						
Chunganacherry	1843	K. Koshi						
Mundakavayam	1841	K. Korathia P. M. Curran A. Jacko						
Makbavayam	1838	C. Hitt K. Jacko						
Mallappully		A. J. Thomas						
Eracattur		R. Kurutella						
Olech	1866	T. J. Simon			19	11		
All pp	1816	J. Cully	1867	495	323	37		
Mayekkaradipuravella	1838	C. Thomas	1871	644	1437	243		
Elanthooth Pustorato		J. Pothees						
Mavelikkas		Simon Mainen						
Kodavalangy		Jacob Tharman						
Puthupully		G. Geron						
Thalavaddie		P. Wingham						
Katunum		T. Joseph						
Kannet	1833	V. Gent		263	96	11		
Kunnenkulam	1841	F. Pinner in charge		444	163	31		
Trichoor								

Vicariate Apostolic of Malabar — Established on December 1659

His Grace the Most Reverend Leonard of St Louis O.D. Archbishop of Niconichia and Vicar Apostolic of Valahia, united in India and Livyonic 1811—Rademic Magnimcy

Stations	Missionaries	Time of arrival in Travancore	No of Christians	No of Boys' school	No of Girls' school	No of students in Theological Seminary	Convents	Inmates of each convent	Stations	No of Printing establishments
Coonam	The Very Rev. Father of Holy Spirit St. Joseph D C M A and Vicar General	1874	1258	2 Boys' and 2 Girls' school	Under and above 10 in each school	148	1	29	Connam	Under the Travancore Government
Puthempally	Rev. Fr. Marcelline of St. Teresa D C M A Rector of the Asylum	1851	1351	Under and above 10 in each school	Under and above 10 in each school	148	1	11	Mananiam	Under the Travancore Government
Cochin	Rev. Fr. Cherubim of St. Louis D C M A Vicar	1824	1824	Under and above 10 in each school	Under and above 10 in each school	148	1	10	Varacollam	Under the Travancore Government
Coonam	Rev. Fr. Leopold of St. Joseph D C M A	1869	1869	Under and above 10 in each school	Under and above 10 in each school	148	1	11	Arnatocari	Under the Travancore Government
Chathinath	Rev. Fr. Joseph Elias D C M A Vicar	1870	1870	Under and above 10 in each school	Under and above 10 in each school	148	1	24	Maganniy	Under the Travancore Government
Arnatocarray	Rev. Fr. Gerard of St. Joseph D C M A Deputy to His Grace	1869	1869	Under and above 10 in each school	Under and above 10 in each school	148	1	25	Ambaracadi	Under the Travancore Government
Magannet	Rev. Fr. Candidus of St. H B V M D C M A Superior of the Cono	1870	1870	Under and above 10 in each school	Under and above 10 in each school	148	1	12	Vallinlev	Under the Travancore Government
Verapoly	Rev. Fr. Camillus of the Prescr. D C M A	1870	1870	Under and above 10 in each school	Under and above 10 in each school	148	1	6	Cochin	Under the Travancore Government
Puthempally	Rev. Fr. Celestine of the Cross, D C M A Asst Rector	1871	1871	Under and above 10 in each school	Under and above 10 in each school	148	1	6	Cochin	Under the Travancore Government
Varacollam	Rev. Fr. Augustine of St. Mary D C M A	1871	1871	Under and above 10 in each school	Under and above 10 in each school	148	1	6	Cochin	Under the Travancore Government

Vicarate Apostolic of Quilon — Established on the 12th March 1845

[illegible]

The Very Revd C C Nasareth, Vicar General—residence—Oulton.

Mission Stations and Sub-stations	No. of Churches in Travancore	Natives	Time of Arrival in Travancore	No of Christians	No of Schools			No of Boys in School.	No. of Girls in School.	No of Seminaries
					English	Mixed	Tamil or Malayalam			
Alleppey	1	Rev N B Cruz	"	"	1	1	20	16		
Artinguel	1	P L Cruz	"	880	1	1	20	16		
Cannanore	2	Cedron Euzabio	1873	2400	1	1	85	16		
Carrington	10	J R. A. Repello	1873	9875	1	1	24	9		
Casser	1	P A Correa	1867	720	1	1	51	11		
Erumbur	1	F X. Terna	"	2504	1	1	20	2		
Ilindagur	2	J T Miranda	1835	1006	1	1	14	1		
Pasaram	1	D M Bout	1873	1280	1	1	37	5		
Petta	3	A M Gomez	1873	1294	1	1	84	23		
Quilon	2	F C Lawrence	1870	1376	1	1	13	3		
Thumbody	1	T J Mascarenhas	1867	1871	1	1	17	8		
Tattur	1	C P Pereira	1875	1873	1	1	16	15		
Vadai	5	J N Pereira	1871	1884	1	1	17	8		
Valanney	2	P J Fernandes	1873	1507	1	1	16	16		
Veranganal	1	F X. Pereira	1873	872	1	1	16	16		
Villy	4	C Silva	"	1507	1	1	16	16		
Cochin Amambady	2	B P Fialto	1873	1507	1	1	16	16		
1 Rector Rev J S. Gracia-Students 44.										
No of Seminaries										

Metropolitan See of Malabar

The Most Rev Mar Athanasius—Metropolitan—Resides at Cottayam

Clergy		{ Suffragan Bishops The former Resides at Ariyoor The latter at the Cot- tayan College					
Right Rev Joseph Mar Coorilos							
Right Rev Mar Thomas Athanasius							
Vicars General	"	"	"	"	"	"	2
Vicars	"	"	"	"	"	"	35
Asst do	"	"	"	"	"	"	70
Arkadooyakons	"	"	"	"	"	"	4
Correspondents	"	"	"	"	"	"	4
Itinerate Vicars	"	"	"	"	"	"	20
Economos Vicars	"	"	"	"	"	"	7

QUILON STANDARD LIFE ASSURANCE COMPANY.

F M. Fernando

Sub-Agent.

NEWSPAPERS.

**Trevandrum—"Travancore Government Gazette" in English
and Malayalam published every Tuesday**

EUROPEANS AND AMERICANS

*Residing in Travancore unconnected with the Government
and other than those before named*

Baker, A. G., Cottayam, Planter
 Bourdillon, F. W., Ashambo, do
 Brown, Peermade, do
 Burrows, J., Do do
 Carleton, J. Oswood
 Clarke, R. N., Peermade, do
 Clarke, T., Ashambo, do
 Cerneau, G. Planter Athreemallay
 Cox, Rev J., Ashambo, (Late L. M. S.) Planter
 Crozier, P. F., Planter
 Cusack, Reginald F., Planter
 Darragh, J., Allepey, Merchant, Manufacturer of Coir Matting
 Dow, J., Merchant, Allepey
 Egan, H., Peermade, Planter
 Fraser, J., Ashambo, do
 Goslin, A. W., of Messrs Andrew, Irvine & Co., Merchants, Allepey
 Grant, A., Ashambo, Planter
 Greenland, F. Merchant, Allepey
 Horne, C. E., Merchant Allepey
 Harlev, Rev H., Quilon.
 Mackey, E. Demy, Planter
 MacLennan, G., Ashambo
 Macaulay R.
 McCauly C.
 Miller, T., Ashambo, Planter
 Miller, W. B., Ashambo, do
 Moncur, J. B., Ashambo, do
 Montclar, A. Planter, Athreemallay
 Morris, B., Planter
 Parker, F. M., Peermade Planter
 Ritchie, J., Athreemallay, do
 Ritchie, A. Do do
 Richardson, F. G. Cottayam, do
 Sanderson, Planter
 Shand, F., Ashambo do
 Shaw, I., Athreemallay, do
 Thornhill, G. T., Ashambo do
 Williams A. O., do do
 Yeaton, G. A., Assistant to Mr Darragh, Allepey
 Young, E., Colachel
 Prince, I. H.
 Ferguson K. S.
 Ferguson, R. B.
 Orr, G. D.
 Hawksworth, J. M., Civil Engineer
 Marshall, T. B.
 Tod H. Norman
 McLoughlan, G. M.
 Cox William

MADRAS PRESIDENCY.

EXECUTIVE COUNCIL.

The Most Noble Richard, Plantagenet Campbell, Duke of Buckingham
and Chandos, Governor and President in Council, Fort St
George
His Excellency Lt General Sir Frederick Paul Haines, K C B
Commander-in-Chief of the Forces, and Second in Council
The Hon'ble William Robinson, C S I Third do do
" R S Ellis Fourth do do
" W Hudleston Fifth do do

COUNCIL OF THE GOVERNOR OF MADRAS FOR MAKING LAWS AND REGULATIONS.

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The Most Noble the Governor

OFFICIAL MEMBERS

The Honorable the Members of the Executive Council
The Hon'ble William Robinson C S I
" R S Ellis C B
" W Hudleston
" H S Cunningham (Advocate General)
" D F Carmichael
" " Vembankum Rammengar, C S I

NON-OFFICIAL MEMBERS

The Hon'ble Mr Hoomajoon Jah Bahadoor
" Goday Narraim Gajapathi Rao
" Patrick Macfadyen
" J G Coleman

HIGH COURT OF JUDICATURE

The Hon'ble Sir Walter Morgan Kt	Chief Justice
" James Kernan, Q. O	Judge
" William Holloway	(absent)
" L C Innes	
" J R Kindersley	
John Shaw, Esq	Registrar, Original side
B Brooks Esq	Deputy Do Do
T Weir, Esq	Acting Registrar Appellate side
W Morgan, Jr	Deputy Registrar Do
Hon'ble H S Cunningham	Advocate General
J H Tarrant, Esq	Clerk of the Crown and Crown Prosecutor
John Miller, Esq	Administrator General
J W Handley, Esq	Government Pleader
H G Prichard, Esq	Government Solicitor

Royal Family of Cochin

HIS HIGHNESS

RAMA WURMAH.

KNIGHT COMMANDER OF THE MOST EXALTED
ORDER OF THE STAR OF INDIA

MAHA RAJ III OF COCHIN

(Born 11th May 1835)

Ascended the Musnud 28th March 1864

BROTHER OF THE RAJAH

HIS HIGHNESS

VFERACARALA WURMAH

Elliah Rajah of Cochin

(Born 30th August 1846)

COUSINS & NEPHEWS OF THE RAJAH.

HIS HIGHNESS **RAMA WURMAH**

First Prince of Cochin

Eldest Son of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 2nd January 1818)

HIS HIGHNESS **VFERACARALA WURMAH**

Second Prince of Cochin

Second Son of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 13th February 1820)

HIS HIGHNESS **RAMA WURMAH**

Third Prince of Cochin

Eldest Son of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran
(Born 6th January 1822)

HIS HIGHNESS **RAMA WURMAH**,

Fourth Prince of Cochin

Third Son of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 4th November 1853)

HIS HIGHNESS **VFERACARALA WURMAH**

Fifth Prince of Cochin

Second Son of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran
(Born 9th September 1854)

Sixth Prince of Cochín

Eldest Son of His Highness Second Sister Her
Highness Kavoo Amah Tambooran
(Born 6th October 1858)

Seventh Prince of Cochín

Eldest Son of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 30th December 1861)

Eighth Prince of Cochín

Second Son of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 5th December 1863)

Ninth Prince of Cochín

Second Son of His Highness Second Sister Her
Highness Kavoo Amah Tambooran
(Born 13th December 1863)

Tenth Prince of Cochín

Eldest Son of His Highness Cousin Her
Highness Ikavoo Amah Tambooran
(Born 12th September 1865)

Eleventh Prince of Cochín

Fourth Son of His Highness Eldest Aunt Her
Highness Coonjee Amah Tambooran
(Born 18th November 1865)

Twelfth Prince of Cochín

Third Son of His Highness Second Sister Her
Highness Kavoo Amah Tambooran
(Born 28th November 1865)

Thirteenth Prince of Cochín

Third Son of His Highness Second Aunt Her
Highness Coonjee Kavoo Amah Tambooran
(Born 27th February 1866)

Fourteenth Prince of Cochín

Eldest Son of His Highness Second Sister Her
Highness Ikoo Amah Tambooran
(Born 20th June 1868)

Fifteenth Prince of Cochín

Fourth Son of His Highness Cousin Her
Highness Coonjee Kavoo Amah Tambooran
(Born 31st October 1869)

Sixteenth Prince of Cochín

Second Son of His Highness Second Aunt Her
Highness Ikavoo Amah Tambooran
(Born 29th April 1870)

Seventeenth Prince of Cochín

Second Son of His Highness Cousin Her
Highness Ikoo Amah Tambooran
(Born 13th July 1870)

Eighteenth Prince of Cochín.

Eldest Son of His Highness' Cousin Her
Highness Cherla Ikavoo Amah Tambooran
(Born 28th January 1871)

Nineteenth Prince of Cochín

Third Son of His Highness' Cousin Her
Highness Ikoo Amah Tambooran
(Born 12th May 1872)

Twentieth Prince of Cochín.

Third Son of His Highness' Second Aunt Her
Highness Ikavoo Amah Tambooran.
(Born 18th December 1872)

Twenty first Prince of Cochín

Second Son of His Highness' Cousin Her
Highness Cherla Ikavoo Amah Tambooran
(Born 25th January 1873)

Twenty second Prince of Cochín

First Son of His Highness' Eldest Sister Her
Highness Coonyee Pilla Amah Tambooran
(Born 2nd December 1873)

Twenty-third Prince of Cochín

Third Son of His Highness' Cousin Her
Highness Cherla Ikavoo Amah Tambooran.
(Born 22nd March 1874)

MOTHER OF THE RAJAH

Her Highness
The Wallia or Senior Amah Tambooran
(Born 3rd May 1814)

AUNTS OF THE RAJAH

Her Highness Coonyee Amah Tambooran
(Born 22nd July 1822)

Her Highness Coonyee Kava Amah Tambooran
(Born 7th December 1832)

Her Highness Mungoo Amah Tambooran
(Born 30th September 1839)

SISTERS OF THE RAJAH

First Sister
Her Highness Coonyee Pillah Amah Tambooran
(Born 3rd July 1840)

Second Sister
Her Highness Kavoo Amah Tambooran
(Born 2nd October 1842)

FEMALE COUSINS OF THE RAJAH.

- Her Highness Ikavoo Amah Tambooran
Eldest Daughter of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 29th June 1841)
- Her Highness Ikoo Amah Tambooran
Second Daughter of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 22nd April 1843)
- Third Daughter of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 16th April 1858)
- Fourth Daughter of His Highness Eldest Aunt Her
Highness Coonyee Amah Tambooran
(Born 8th April 1862)
- Eldest Daughter of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran.
(Born 16th July 1850)
- Second Daughter of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran
(Born 1st October 1859)
- Third Daughter of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran
(Born 28th June 1862)
- Eldest Daughter of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 10th June 1856)
- Third Daughter of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 3rd February 1866)
- Fifth Daughter of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 23rd June 1872)
- Fourth Daughter of His Highness Second Aunt Her
Highness Coonyee Kava Amah Tambooran
(Born 1st March 1875)
- Sixth Daughter of His Highness Third Aunt Her
Highness Mungoo Amah Tambooran
(Born 21st May 1875)

NIECES OF THE RAJAH

- Eldest Daughter of His Highness Eldest Sister Her
Highness Coonyee Pillah Amah Tambooran
(Born 16th April 1859)

Second Daughter of His Highness Eldest Sister Her
Highness Coonyee Pillah Amah Tambooran
(Born 27th April 1863)

Fourth Daughter of His Highness First Sister Her
Highness Coonyee Pillah Amah Tambooran
(Born 24th September 1867)

Eldest Daughter of His Highness Cousin Her
Highness Ikavoo Amah Tambooran
(Born 12th October 1861)

Second Daughter of His Highness Cousin Her
Highness Ikavoo Amah Tambooran
(Born 26th November 1867)

Eldest Daughter of His Highness Cousin Her
Highness Cherria Ikavoo Amah Tambooran
(Born 27th June 1869)

First Daughter of Her Highness Kavoo Amah Tambooran,
His Highness Second Sister
(Born 26th February 1870)

Third Daughter of His Highness Eldest Cousin Her
Highness Ikavoo Amah Tambooran
(Born 18th August 1870)



Government of Cochin.

HUZZOOR CUTCHERRY.

DEWAN OF COCHIN

T SHUNGOONY MENONE, C S I

A SANKARAN, B A.

Francis Race

Rengappachariar

E Ittoothra Warriar

Joachim F Augustus

Kristna Menon

Uthra Warriar

Totacant Narayana Menon

Ittoony Hayes Pankar

DEWAN PEISHKAR.

Secretary to the Dewan.

Dalwys

Huzzoor Sheristadar

Manager

Wallia Sumprethy

Head Rayasom.

Commercial Accountant.

Treasurer

(Subordinate to the Huzzoor are 7 Districts)

R. White

English Tutor to the Princes

—

ENGLISH SCHOOL ERNACOLLUM.

A. F Sealy, M A.

D M. Cruickshank M A

R Sundara Ramaya B A

Head Master

Asst. Do

Second Master

DISTRICT SCHOOLS

S Sivarama Pillay

G Ananda Narayanan

K Srinivasa Rao

K. Padmanabha Rao

K C Chako

Master Trichoor

Do Wadakan cherry

Do Chittoor

Do. Irinjalecode

Do. Muttoncherry

—

HUZZOOR REGISTRATION OFFICE.

Huzzoor Registrar

Deputy Do

Shungoonny Manadiar

Shungoonny Warriar

DISTRICT REGISTRARS

Kidtoony Menon

G Abraham

Vencata Rao

P Narayana Menon

Arameswar Iyer

Chundra era Iye.

Cochin

Cannanore.

Moogondapoorom.

Trichoor

Tallapilly

Chittoor

COURTS OF LAW.

Appeal Court of Cochin (at Ernacollum)

V Subramanya Pillay, B L.	1st Judge.
W E. T. Clarke, Barrister at Law	2nd Judge
C Sabha Rayen B. A. & B L.	3rd Judge
John Augustus	Acg Registrar

Zillah Court of Anjankamial (at Ernacollum.)

G H Gunthor	1st Judge
	2nd Judge

Zillah Court of Tricheor (at Tricheor)

Turoovengadachamar, B A. & B L.	1st Judge
	2nd Judge.

MOONSIFFS

Uppathooru Iyen (on special duty)	Ernacollum
Anuntha Iyen	Acg Do
Atchootha Menon	Chittoor
Vengnedeahwara Iyen	W adakancherry
C Govinda Menon	Erangaliodah.
Chemal Govinda Menon	Tricheor

CIVIL OFFICERS AT OUT STATIONS.

J Stevenson	Acting Conservator of Forests
J Kohlhoff	Asst to the Conservator
John Carlos	Clerk in charge of the Sirkar Ports.

MEDICAL DEPARTMENT

Surgeon Major W Doyle, M D (Madras Med Est) Medical
Officer to the Cochin Government

Medical Subordinates

D Gunther	Apothecary
R P Gunther	Assistant Apothecary
J Notermans	Do Do.

VACCINATION

Medical Officer to the Cochin Government.
General Superintendent

The Establishment consist of 8 Vaccinators divided into 2 Classes

PUBLIC WORKS DEPARTMENT

J O Macdonald, C E.,
Engineer

H E Augustus
H D Mello

Manager
Supervisor

Thos. Tod
P V Chocco

Do
Do
Do

SIRCAR PRINTING PRESS

Francis Race
In charge of the Press

TRAVELLER'S BUNGALOWS

From	Eng miles	
Caroopadanah	<i>t</i> ,	$\left. \begin{array}{l} 10\frac{1}{2} \\ 10 \\ 8\frac{1}{2} \\ 14\frac{1}{2} \end{array} \right\} \begin{array}{l} \text{On the high road from Cochin to} \\ \text{Paulghaut} \\ \text{Between Chowghant and Tirtallah} \\ \text{to Trichoor} \end{array}$
Caroovanoor		
Trichoor		
Putticand		
Kulad		Between Chowghant and Tirtallah to Trichoor
Colinjamparah		
Wadakanchary		On the high road from Paulghaut to Pulachy
		Do do from Trichoor to the Railway Station at Shoranore.

BRITISH TOWN OF COCHIN.

CIVIL AUTHORITIES

John D'Silva	Subordinate Judge, Joint Magistrate, Registrar of Shipping, and Examiner of Civil & Military Pensioners
T Govinda Menon	Sheristadar, Subordinate Judge's Court
D R Viegas	Head Clerk Do do (on leave.)
T Pedro	Head Clerk Do do (pro tem)
Ikkunda Warner	Nazir Do do
Mark A. Platel	Tahsildar, 2nd Class Magistrate, Sub-Registrar of Assurances, Money Order Agent, Marriage Registrar, & Officer in charge of the Jail
V Kannen Nair	Government Pleader
R Gayathri Pattar	Do
D R Veigas	Do
Shrinuvasa Ayyangar	Do
Gangadri Shastrikal	Do

POLICE ESTABLISHMENT

H S Salisbury	Inspector of Police
Farid Khan	Chief Head Constable, Town Station
Mohamed Shariff	Head Constable

MASTER ATTENDANT'S DEPARTMENT

John Howard Graves	Master Attendant Superintendent of Mercantile Marine, Government Surveyor & Conservator of the Port of Cochin
Charles Meyer	{ Government Pilots
Egesippe Pinto	

CUSTOMS DEPARTMENT

B Frank	Superintendent of Customs.
Ramaswamy	Head Commoastah

MEDICAL DEPARTMENT

W Doyle, F R C S I	Civil Surgeon
J Masalamony Pillay, 1st Class Hospital Asst	Civil Dispensary
W Baker	3rd Do Do

TELEGRAPH DEPARTMENT

W Darling	Offg Supt. of Tols	Malabar Coast Division
D B. Cromartie	Asst Supt	Cochin Sub-Division.
C Duffin	Do	Trevandrum Sub-Division.
J Wisken	Tel Master in charge.	Cochin]
R. Rector	Do	Do

POSTAL DEPARTMENT

R. M. Dowse	Inspg Post Master, Hd Qrs, Calicut
G R. Petersz	Post Master, Cochin
E A. Orman	Head Clerk Do
W J R D Silva	2nd Clerk Do
P S Alemao	3rd Clerk Do

ECCLESIASTICAL

Church of England

Rev A W Stone	Chaplain
J H Graves	Lay Trustee of Govt. Church.
Rev K Kuruvilla	C M S Native Pastor of St Andrew's Church.

Protestant Boys' School

Rev A W Stone	Manager
K. R. Thoman	Head Master

Protestant Girls' School

Rev A W Stone	Manager
Mrs A. W Stone	Superintendent
Miss Jone Pau'	Head Teacher
Miss Rose Pedro	Second Teacher

Vicar Apostolic of Malabar

Rev Fre Cherubim O O D	Missionary Apostolic, Offg in the Town of Cochin
Rev Francis D Costa	Assistant
Rev V Lobo	Vicar of the Church at Vypeen.

Bishopric of Cochin

Rev J S Gracias	Vicar of the Church at Amarapathy
-----------------	-----------------------------------

JUSTICES OF THE PEACE

John Howard Graves,—Special Magistrate, 1st Class
J D Silva.

BANK OF MADRAS

Donald Noble	Agent (on Furlough.)
Rob ^d Darling	Ag Agent
G A Breithaupt	Accountant.
Hilary D'Canlho	Sub-accountant.

MERCANTILE FIRMS

	<i>Resident Partners or Agents</i>
Aspinwall & Co	J H Aspinwall Partner
Volkart Brothers	G A Jung, Agent.
Pearce Leshe & Co	D S Gilkison, Partner, [J W Barclay, Agent
Dassabhoj Merwanjee & Co	Gokaldass Virjee
J F Ferreira & Co	J F Ferreira
Andris D Cruz & Son	Andris D Cruz
O S Ganapathy	Opendra Shetty Ganapathy
A Pochont	A. Pochont
Geo Brunton	Geo Brunton, C B. Sparrow, Agt

Agents for Lloyds

Pearce Leshe & Co — Agents

Swiss Lloyd Transport Insurance Company

Volkart Brothers, Agents

Transatlantic Fire Insurance Company

Volkart Brothers, Agents

Commercial Union Assurance Company

Pearce Leslie & Co.—Agents

Standard Life Assurance Company

Pearce Leslie & Co.—Agents.

Home & Colonial Marine Insurance Company—(Limited.)

Pearce Leslie & Co—Agents

**Postoffice Government Security Life Assurance
Company—(Limited.)**

Aspinwall & Co —Agents.

Indian Life Assurance Company (Limited.)

Aspinwall & Co —Agents

Northern Assurance Company

Aspinwall & Co.—Agents.

Merchants' Marine Insurance Company (Limited.)

Geo. Brunton—Agent.

The Queen Fire Assurance Company

Geo Brunton—Agent.

**Oriental Government Security Life Insurance
Company (Limited.)**

Andris D'Cruz & Son Agents.

Indian Guarantee & Suretyship Association (Limited.)

Andris D Cruz & Son Agents.

Bombay and Bengal Steam Ship Company (Limited.)

Pearce Leake & Co Agents,

British Indian Steam Navigation Company (Limited.)

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The Cochin Mercantile Press Company--(Limited.)

Registered Office No 5, Parade Place

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John Frederick Pereira.

T Govinda Menon.

Joseph Samuel Philipaz

Dewjee Bhunjee.

J F Pereira, Honorary Secretary

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George Brunton, M. I. C E

.Proprietor;

Cochin Civil Dispensary

W Doyle, F R C S. I

Municipal Comr of Cochin

J Massillamoney Pillay

Civil Surgeon in charge

In Charge of

1st class Hospital Assistant

Cochin Friend-in-need Society

MANAGING COMMITTEE.

G Brunton

T Govinda Menon

Rev A W Stone—Honorary Secretary and Treasurer

H Pestonjee.

Cochin Steam Mills Limited.

J H Aspinwall

J Rohde

G A. Jung

G Fernandez

} Directors

Secretary

Cochin Public Library & Reading Room.

MANAGING COMMITTEE

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Vice President

F W Barclay

J Rohde

W Doyle

Rev A W Stone

G A Jung

D M Grnickshank

P Vieyra.

W E Clarke

H M Walker—Honorary Secretary

M A Platel—Honorary Treasurer

A. D'Costa—Librarian.

Department Public Works, Cochin.

J Grimes

S. Aseervatham Pillay

J D Costa

I. C Rama Iyer

Assistant Engineer, 2nd Grade

Talook Overseer

Head Accountant.

Draughtsman.

Municipal Commissioners for the town of Cochin and its Suburbs.

A. MacGregor

J H Aspinwall

Mark Antony Platel

Benedict Frank.

George Brunton, M I C E

W Doyle, M D

Collector of Malabar & President.

Vice President.

Hadjee Isaa Sally Mahomed

Captain J H Graves

Eddavalathe Kunhi Ahmed

A D Costa, Manager

Consul for Spain

D S Gulkison

Consular Agent for France

Newspapers

"Western Star"

Published every Saturday evening

"Cochin Argus"

Proprietors—Cochin Mercantile Press Company "Limited"

Published every Saturday

Printer and Publisher—T M Vogt Office No 5, Parade Place

MISCELLANEOUS MATTER

ABSTRACT OF LEGISLATIVE ENACTMENTS, TRAVANCORE.

Enacted by His Highness the Maha Rajah of Travancore on the 28th Coombham, 1010, (9th March, 1875)—REGULATION I—Extending powers vested in the Moonsiffs, and defining their jurisdiction

REGULATION II—Authorizing Moonsiffs to assemble District Panchayets for the adjudication of Civil Suits within their respective jurisdictions and of Suits referred by the Zillah Courts to the Moonsiffs, and defining the powers and authority to be vested in Panchayets

REGULATION III—Empowering Moonsiffs to execute all decrees on decisions passed in Adawlut Cases by the Appeal Zillah and Moonsiff Courts, and by Panchayets

REGULATION IV—Extending jurisdiction of Zillah Judges

REGULATION V—For the guidance of the Appeal Court

REGULATION VI—Giving greater efficiency to the System of Police established in Travancore

REGULATION VII—Constituting the Zillah Courts, Criminal Courts of their respective Zillahs, and appointing the Judges of the Appeal Court, Circuit Judges and defining their respective powers

Enacted on the 13th Toolam, 1023 (28th October, 1847)—REGULATION I—Investing the Sub-Officers of the different Districts in Travancore with authority to exercise the powers of the Police Officers in their absence

Enacted on the 1st Chingam 1025 (15th August 1819)—REGULATION I—Reducing the number of Moonsiffs from twenty five to sixteen and relieving those Officers of the duty imposed on them by Regulation III of 1010 (i.e. of executing decrees passed by the Appeal and Zillah Courts) and empowering the Zillah Courts to enforce such decrees, and also better regulating the numbering and issuing of stamped cadjans

Enacted on the 1st Wraam 1025 (12th March 1850)—REGULATION II—Providing for admission on the Files of the Law Courts and for disposal of Suits in Forma pauperis

Enacted on the 6th Coombham, 1032 (16th February 1850)—REGULATION I—Abolishing the Circuit Courts, and establishing Sessions Courts in Travancore

Enacted on the 2d Eddaram 1035 (15th May 1860)—REGULATION I—Establishing Port Dues at Allepey

Enacted on the 23d Toolam, 1036 (6th November 1860)—REGULATION I—Reducing the rate of Port Dues payable at Allepey

Enacted on the 1st Chingam 1037, (15th August, 1861)—REGULATION I—Abolishing the three Sessions and five Zillah Courts, and constituting the Appeal or Sadr Court and four Zillah or District Courts the Courts of Joint Criminal and Civil Jurisdiction

- Enacted on the 1st Chingam, 1037, (15th August, 1861)*—REGULATION II
—Simplifying the Procedure of the Courts of Civil Judicature
- Dated 29th Toolam 1038, (13th November 1862)*—Rules of Practice
passed by the Sudr Court under Sec 26 of Reg I of 1037 for
the guidance of the Zillah Civil Judges and constituting
them Judges of Small Causes
- Enacted on the 27th Eddarum, 1039, (7th June, 1864)*—REGULATION I
—Providing for the protection of the British Electric Tele-
graph in Travancore
- Enacted on the 31st Curcadagum, 1039, (14th August, 1864)*—REGULA-
TION II—Securing Copy right to the Authors of Books in
Travancore for a space of 42 years
- Enacted on the 6th Magaram 1040 (17th January, 1865)*—REGULATION
I—Providing specially against Criminal Breach of contracts,
on the part of Artificers Workmen, and Labourers
- Enacted on the 27th Magaram 1040 (7th February, 1865)*—A Regula-
tion for the appointment of duly qualified Vakeels to plead
in the Courts
- Enacted on the 13th Chattray 1040, (24th April, 1865)*—REGULATION II
—To provide for the adjudication of claims to Waste Lands,
with rules for the sale of the same
- Enacted on the 12th Andy, 1040, (26th July 1865)*—REGULATION III.—
To provide for the Limitation of Suits
- Enacted on the 19th Antony, 1041, (2d September 1865)*—REGULATION I
—Amending the Regulation of 1036
- Enacted on the 27th Chattray, 1041, (5th May, 1866)*—REGULATION II —
To provide for the revision of the Jurisdiction of the Moon-
siffs in Travancore
- Enacted on the 28th Andy, 1041, (11th August, 1866)*—REGULATION III
of 1041 —To provide for the admission of Approvers
- Enacted on the 29th Andy 1042, (12th August 1867)*—REGULATION I —
To establish an improved system of Registration of Deeds in
Travancore
- Enacted on the 31st Andy, 1042 (14th August 1867)*—REGULATION II.—
To amend Regulation III of 1040 (to provide for the limitation
of suits)
- Enacted on the 20th Puratasy, 1043 (5th October 1867)*—REGULATION I —
To provide for the admission of Vakeels in Criminal cases
- Enacted on the 4th Magaram 1047, (16th January 1872)*—REGULATION
I of 1047 —To make clearer provision for the conduct of
business in the Sudr Court of Travancore
- Enacted on the 3rd Curcadagum 1047 (16th July, 1872)*—REGULATION
II of 1047 —To redistribute Magisterial powers and provide
certain rules of procedure in Courts of Criminal Jurisdiction
in Travancore
- Enacted on the 4th Antony 1049 (18th September 1873)*—REGULATION
I of 1049 —To establish a Zillah Court at Alwaye
- Enacted on the 29th Toolam 1050 (13th November 1874)*—REGULATION
I of 1050 —To provide against certain abuses in Native Pas-
senger Ships

PROCLAMATION

By

His Highness Sree Patmanabha Dausa Vuncheo Barla Rama Virmah Koolasekhor: Kiretiyuti Munney Sultan Maharaj Rajah Rumarajah Bahadur Shamsheer Jung, Knight Grand Commander of the Most Exalted Order of the Star of India Maha Rajah of Travancore, issued under date the 16th day of Edavam 1050 corresponding with the 28th May 1875

WHEREAS in communication with the Government of India, We have found it necessary to make special arrangements for the trial of European British subjects committing offences in Our Territories

1 We do hereby divest Our ordinary Criminal Courts of every grade of jurisdiction to try offences committed by European British subjects, and do further declare that such jurisdiction, shall from and after the date of this Proclamation be exercised exclusively by Special Magistrates, being European British subjects, whom we may from time to time appoint, such appointments being notified by the Dewan in Our Government Gazette

2 Except where a separate territorial jurisdiction is assigned and notified in the Gazette, a European British subject charged with the commission of an offence shall be tried by the Special Magistrate whose station is nearest to the scene of the offence, unless by Our authority the case is transferred to another Special Magistrate

3 We are further pleased to confer the following powers upon such Special Magistrates namely, power to pass on conviction, any sentence not exceeding three months imprisonment or fine up to one thousand British Rupees or both.

4 A Special Magistrate appointed under this Proclamation for the trial of European British subjects shall not take cognizance of offences committed by other subjects unless he is also an ordinary Magistrate authorized by law to take cognizance of such cases

5 In regard to committable cases, the enquiry and commitment will proceed by virtue of appointments to be made and powers conferred by His Excellency the Viceroy and Governor General

6 Nothing in this Proclamation shall be understood to prevent Our ordinary Courts of whatever grade taking cognizance as hitherto of cases of contempt of Court by whomsoever committed

7 The special arrangements herein made are not intended to relieve Our ordinary Police, and Magistrates and Sub-Magistrates acting as Police Officers, from the functions they have hitherto exercised as such, in respect of European British subjects

SIGN MANUAL.

APPOINTMENTS

Under the above Proclamation His Highness the Maha Rajah has been pleased to issue a Neet or Commission to each of the Gentlemen named below appointing him a Special Magistrate for the trial of European British subjects committing offences in Travancore

Mr H Crawford

Dr W E Ormsby M A Barrister at Law

Station

Alleppey

Trevandrum

A SASHIAH SASTRI,

Deputy

PROCLAMATION

By

His Highness Sree Patranabha Maharaja Vancher Baula Rama Varma Koolaseelam, Knight of the Viceroy Sultan Maharaja Rajah Ramanajah Bahadur Shamsheer Jung, Knight Grand Commander of the Most Excellent Order of the Star of India Maharajah of Travancore, issued under date the 22nd day of Thulam 1051 corresponding with the 6th November 1875

WHEREAS in communication with the Government of India, We have found it necessary to make arrangements for the hearing and disposal of appeals from the decisions of the Special Magistrates appointed under Our Proclamation dated the ^{10th day of May 1875} 28th May 1875 and for revising their Proceedings We do hereby constitute and appoint the Christian Judge for the time being of Our Sudr Court, being a European British Subject, to be Special Appellate Judge to hear and dispose of appeals from the decisions of the Special Ma-

Magistrates appointed under Our Proclamation above recited and to revise their Proceedings according to Law, hereby conferring on him the necessary appellate Jurisdiction and the same punitive powers, as are conferred on Our Special Magistrates under the above Proclamation

2 And whereas by Our said Proclamation, power was reserved to Our ordinary Courts of every grade to take cognizance of contempt of Court by whomsoever committed which power it is necessary to define, here, so far as European British Subjects are concerned, We hereby direct that Our ordinary Courts aforesaid shall be competent to take cognizance of such cases of contempt only as are cognizable by any Civil, Criminal or Revenue Court in British India under Chapter XXXII of Act No X of 1872 and subject to the provisions of that Act in respect of Procedure and Punishment

Cases of contempt of Court not falling within the above para and of which European British Subjects are accused shall be referred under the procedure indicated in the Act aforesaid to the proper Court having jurisdiction in the case

SIGN MANUAL

RULES FOR GRANTS-IN-AID.

1 With a view to promote elementary Vernacular Education as much as possible, His Highness' Government propose for the present to restrict Grants to Village Schools of the standard of Government Proverti (Village) Schools

2 This standard consists of Reading, Writing, History, Arithmetic and Geography

I. * *Reading*—1st, 2nd and 3rd Books of Lessons Vignanamunjaee, Principles of Morality, Truthful Evidence, Rules of Health, and Lessons on Money Matters

II. *Writing*—On paper and cadjan (Palm leaf)

III. *History*—History of Travancore

IV *Arithmetic*—The whole course as treated of in parts I and II of Malayalam Arithmetic also Tamil Tables

V *Geography*—Geography of Travancore and General Geography

3 No School will be entitled to a grant unless its average daily attendance is 25 pupils or more

4 As far as the funds at the disposal of Government will allow, grants of money will be issued to such schools as are already in existence or established hereafter to the amount of one half of the actual salaries of the teaching staff

5 If the daily attendance is above 25 and below 40 the grant will not generally exceed Rs 50 per annum. If the attendance is 40 or above, the grant will be raised to Rs. 75 with a view of meeting the cost of an additional teacher

6 These figures have been assumed to represent respectively the moiety of teachers' salaries in Village Schools where one or two masters are employed

7 The other moiety of teachers' salaries as well as every other expense connected with the schools must be met by the community or parties interested in them either from fees, subscriptions or other sources

* *Note*—When these Text books are not used, equivalent ones will be allowed in their place.

8 Every aided School and all the attendance Rolls and other Registers kept therein must be open to the periodical inspection of Government Inspectors or other Officers of the Educational Department

9 If it appears from the report of such officers that the school has ceased to exist or has permanently fallen off in attendance or standard of Education the grant will be withdrawn.

10 † Applications for Grants under these Rules should be addressed to the Director of Vernacular Education and should specify the precise locality of the School, the attendance, the lessons taught, the salaries of the teachers, the name of the Manager or Agent to whom the grants of money are to be made payable, whether the school has been already in existence or is newly established, whether it is open to all classes and any other particulars

11 In respect of schools under the control of Missionary Societies, the applications should proceed from the head of the local Mission.

12 The first applications should be sent in so as to reach the Director by the end of Alpa.

13 As the funds available will not permit of every application being complied with, the Dewan will in consultation with the Director allot the grants according to his discretion with reference to the Educational wants of the different parts of the State

14 As soon as the allotments of the grants as above are settled the same will be communicated to the various Agencies and arrangements will then be made for the disbursement of the grants from local Treasuries in two half yearly instalments

15 A report once a year will have to be furnished to the Director of Vernacular Education by all recipients of Grants showing the general progress of the schools

A SASHIAH SASTRI,
DEWAN

SIRCAR'S POSTAL OR UNJELL RULES.

WHEREAS it is the desire of the Sircar that better arrangements should be adopted in its Unjell Service in supersession of the system hitherto in force of charging Postage at the rate of one chukram on every Letter or Petition forwarded by the Inhabitants, Merchants and other parties, the following Rules are established

1 Parties desirous to forward through the Sircar Unjell, any Letters, Newspapers, Books, or Banghy Parcels, &c, are, in conformity to the existing usage in the British Post Offices required, for the future, to prepay Postage at the rates specified in the subjoined Tables according to the weight of the Letters, and to the distance of the place to which they are addressed.

TABLE No 1
Rates of Postage on Letters

Not exceeding in weight	Postage		
	Rs	Ck	Ca
$\frac{1}{2}$ Tolah	"	1	"
1 do	"	2	"
1 $\frac{1}{2}$ do	"	3	"
2 do	1	"	"
3 do	1	2	"
4 do	2	"	"
5 do	2	2	"
6 do	3	"	"
7 do	3	2	"
8 do	4	"	"
9 do	4	2	"
10 do	5	"	"
11 do	5	2	"
12 do	6	"	"

For every Tolah in weight above 12 Tolahs two additional chks shall be charged

TABLE No 2
Rates of Postage on Newspapers

Not exceeding in weight	Postage		
	Rs	Ck	Ca
10 Tolahs	"	2	"
20 do	1	"	"
30 do	1	2	"
40 do	2	"	"

For every 10 Tolahs in weight above 40 Tolahs two additional chks shall be charged

TABLE No 3
Rates of Postage on Books

Not exceeding in weight	Postage		
	Fans	Chks	Cash
10 Tolahs	1	2	
20 do	1	2	
30 do	1	2	
40 do	2	2	
50 do	2	2	
100 do	3	2	
150 do	7	2	
200 do	10		

Above 200 Tolahs weight Books will be charged at Banghy rates

TABLE No 4
Rates of Postage on Banghy Parcels

Not exceeding in weight	For distance								
	Not exceeding 10 miles			Not exceeding 100 miles			Exceeding 100 miles		
	Fans	Chks	Cash	Fans	Chks	Cash	Fans	Chks	Cash
20 Tolahs	1			2			1		
30 do	1			2			2		
100 do	1			2			4		
200 do	2			4			8		
300 do	3			6			12		
400 do	4			8			16		
500 do	5			10			20		
600 do	6			12			24		

Newspapers on which postage is paid for according to the above rates will be sent by the ordinary Unjell. But if several of them are packed up together and superscribed by Book Post each parcel will be sent only by the periodical Banghy Post

2 Paper only can be used for correspondence sent by the Unjell

3 A fee of one fanam will be charged for every mile on letters sent by EXPRESS

4 Banghy Parcels despatched by Unjell are to be covered with wax cloth &c and sealed with the sender's own seals or well secured in tin boxes

5 All Newspapers, Books, &c, sent by the Unjell shall have a wrapper with both ends open, so that the contents of the packet may be known to the Unjell servants

6 All necessary measures shall be adopted for the careful conveyance of Banghy Parcels, &c, forwarded by Unjell. But should any loss or damage, be sustained, proper enquiries shall be instituted as to the cause of such loss or damage, and the parties by whom they were caused shall be made personally responsible for them

7 These Rules not being applicable to communications forwarded by Unjell on the business of the Sircar, its Officers and Servants are authorized to frank their official communications by writing their names and official designations in full, also the words "On the Sircar Service only, on the superscription side of such letters

NOTICE.

It being deemed desirable to adopt the system of registering Letters, Books, Newspapers and Parcels despatched through the Sircar's Unjell Post, with the view to ensure their greater safety in transit and delivery, the following Rules are established —

1 Letters &c shall be sent registered from and to any place within the Travancore territory on prepayment of a fee of 7 Chs besides the regulated postage

2 Letters &c for registry shall be sent to the Unjell Department before 6 P M as in the case of ordinary letters, &c

3 A printed receipt for such registered letter, &c shall be granted from the Unjell Department to the sender

4 On delivery of a registered letter, &c the carrier shall obtain from the addressee a receipt in duplicate—one of the two being retained in the delivery station and the other returned by the next mail to the station whence the letter, &c had been despatched

5 In case the addressee decline accepting a registered letter, &c he shall, on the carrier's requisition, enter a statement to that effect on the back of such letter, &c for the information of the sender

6 The Sircar shall not be responsible for the contents of registered letters, &c though receipts are granted by the despatching Office for such letters, &c All letters, &c expected to contain any valuable enclosures or other articles shall be opened by the addressee in the presence of the letter carrier, in order to ascertain that the contents are correct and unimpaired.

Travancore, 27th Dharmu, 1041
4th January 1866

SIRCAR TAPPAL STATIONS

	From	To	No of Miles
Trevandrum Inspector's Range	Thovalla	Vadasherry	6
	Vadasherry	Poothapandy	5
	Ditto	Kottaur	2½
	Kottaur	Soochindrum	3
	Soochindrum	Mahathanapoorum	7
	Vadasherry	Palpanabapoorum	10
	Pulpanabapoorum	Erraneel	3
	Ditto	Carringul	6
	Ditto	Coothoray	9½
	Erraneel	Colachel	4½
	Coolithoray	Tengapatnum	6
	Ditto	Irroovataur	4
	Ditto	Parachalay	4
	Ditto	Neyattunkarray	10
	Neyattunkarray	Pooaur	6
	Ditto	Nemum	7
	Ditto	Trevandrum	11½
	Trevandrum	Calacootum	10
	Calacootum	Sherangheel	11½
	Sherangheel	Vamanapoorum	11
Shencottah Inspector's Range	Ditto	Vettyoor	5
	Ditto	Vurkalay	11
	Vurkalay	Parroor	8
	Parroor	Qulon	7
	Qulon	Kottarakaray	10
	Kottarakaray	Puthnapoorum	11
	Puthnapoorum	Addoor	10
	Addoor	Pulikel	14
	Pulikel	Krishnapoorum	6
	Puthnapoorum	Poonaloor	8
	Kottarakaray	Coonathoor	6
	Ditto	Poonaloor	12
	Poonaloor	Valockenpara	17½
	Ditto	Unjell	8
	Valockenpara	Ariengavoo	5
	Ariengavoo	Shencottah	9
	Valockenpara	Coolathoorpulay	10
	Coolathoorpulay	Madathooracane	10
	Madathooracane	Puchai	10½
	Puchai	Nedoovengaud	9½
	Nedoovengaud	Arrianaud	7
	Ditto	Trevandrum	12

	<i>From</i>	<i>To</i>	<i>No of Miles.</i>
<i>Cottayam Inspector's Range</i>	Quilon	Shavaray	8½
	Shavaray	Pudanamcoolungaray	7
	Pudanamcoolungaray	Krishnapoorum	8
	Krishnapoorum	Aripaud	11
	Aripaud	Ambalapoolay	12
	Ambalapoolay	Allepey	8
	Ditto	Poolincoomnoo	8
	Krishnapoorum	Mavellikaray	7½
	Mavellicarrav	Tiroovella	11
	Tiroovella	Changanacherry	6
	Changanacherry	Cottayam	12
	Cottayam	Canjerrappully	24
	Canjerrappully	Peermade	23
	Mavellicarrav	Chenganoor	6
	Chenganoor	Arramola	6
	Do	Punthalam	6
	Arramola	Puthunumthittay	8
	Alleppey	Kalavoor	7
	Kalavoor	Shertallay	6½
<i>Shertallay Inspector's Range</i>	Shertallay	Vycome	7
	Vycome	Theekomparavoor	7
	Theekomparavoor	Chalickavattum	10
	Chalickavattum	Varapulay	7½
	Varapulay	Paravoor	6
	Paravoor	Tiruvaloor	6
	Tiruvaloor	Parambavoor	12
	Do	Alwaye	5
	Parambavoor	Moovathoopulay	12
	Moovathoopulay	Kedungoor	22
	Kedungoor	Pallah	8
	Pallah	Thodoopulay	15
	Kedungoor	Yethoomanoor	5
	Yethoomanoor	Vycome	16
	Ditto	Cottayam	8

Branch or Peravaka Tappal Stations.

<i>Names of the Public Offices in which the Branch Tappal Offices are held</i>	<i>The principal Tappal Stations to which the Subordinate Offices belong</i>
Aramboly Chowkey	Thovalla
Rajacamungalom	Erneel
Areecootty	Shertallay
Piravom	Vycome
Comaragom	Cottayam

DIRECTIONS FOR VESSELS ARRIVING AT ALLEPPEY

1 The Commanders of Ships are requested on the arrival of their Vessels to deliver into the Master Attendant's Office a true and complete Manifest of all the goods and Merchandise laden on board of their Vessels. A form of the Manifest required will be furnished for their guidance on application. Previous to any Ship or Vessel having any transaction with the shore, the Pass Register, and every other credential concerning their Ship or Vessel, must be delivered into the Master Attendant's Office. If the Ship or Vessel be in ballast, it is to be reported accordingly.

2 Goods landed, or attempted to be landed, before the Ship is regularly entered, or which have not been entered in the Manifest, shall be charged double duty. The same is applicable to goods exported under similar circumstances.

3 Applications for Port Clearances, should be made between 10 o'clock A. M., and 1 P. M. the day previous to sailing, to enable them to be granted by 4 o'clock, after which hour none will be given. Applicants for Port Clearances should furnish the Custom House with an Export Manifest of all Cargo shipped on board their Vessels from this Port, specifying the names of the Vessels and Commanders, sorts of Goods, marks and numbers, quantity or weight, shipper's and consignee's names, and the names of the Port or Ports bound to.

4 Port Clearances will not be granted to Vessels until all demands on account of Boat hire, &c. had been adjusted.

5 No shore Boats are permitted to put off to the shipping after sun set unless in case of emergency, and by special permission of the Master Attendant.

6 Commanders of ships are strictly prohibited from throwing stone or shingle ballast over board in the roads. Boats for the purpose of landing the same will be supplied on application.

7 Any further information or assistance will be gladly afforded on application.

HUGH CRAWFORD,

Master Attendant Alleppey

**DIRECTIONS FOR SHIPS BOUND FROM THE SOUTH
WARD, THE BAY OF BENGAL, OR COROMANDEL
COAST TO ALLEPPEY IN THE S W MONSOON**

SHIPS bound to Alleppey, from any of the above mentioned places in the above S W Monsoon, should follow the directions given by Horsburgh, for "Ships bound from the Bay of Bengal, to Bombay, or other places to the Westward, during the S W Monsoon"

Having crossed the Equator well to the Westward of the Maladive Islands (68° E) a ship should steer North until in the Latitude of $9^{\circ} 30'$ She should then run due East for Alleppey, making an allowance for a 3 knot southerly current after passing the parallel of Kalpenny Island

Alleppey Flagstaff is in Lat $9^{\circ} 29' 48''$ N and Longitude $76^{\circ} 18' 45''$ E by Lieut Selly of the Indian Navy measured from Bombay—the Trigonometrical survey places it in Longitude $76^{\circ} 23'$ E The anchorage in the roads during the S W Monsoon is with the Light House from N E to E N E in five or 6 fathoms, water In the fair season from October to May Vessels may anchor in 3 or 4 fathoms with the Light House bearing E by N the soundings are very regular

Ships from Colombo or Tuticorin bound for Alleppey in the S W Monsoon should on leaving Colombo roads, be in good sailing trim, and have good sails bent and be prepared to encounter bad weather

From Colombo roads, a W N Westerly course should be steered close hauled for the Coast of Tinnevely Should the wind have sufficient southing in it, advantage should be taken of it to round Cape Comorin well to the Southward After rounding which, it often happens that a ship will carry the southerly wind all the way up the Coast, at all events, a ship which sails moderately well by the Wind, after having rounded Cape Comorin will always be able to make the passage to Alleppey or Cochin in 8 or 10 days, there being often a favourable current along the Coast to the Northward, with very often a slant of Wind from the South, and a ship having good sails bent and taking every advantage of the shifts of Wind will be able to make a much better passage and with less Wear and Tear than by the Southern route

A large ship coming from the Northward ought not to come under 7 fathoms if drawing much water, until the Flag-

staff or Light House bears to the Eastward of S E, as there are some shoal patches with only 4 fathoms on, in shore of these soundings. In like manner, Vessels coming from the Southward should attend carefully to the lead when in with the land, and not come under 13 fathoms off Quilon, which is the depth close to this dangerous reef, to the Northward of Quilon reef, the Coast may be approached to 7 fathoms.

Alleppey may be known from the offing by its Light House erected close to the Flagstaff, the light from which was first exhibited on the night of the 28th March 1862. The light is of the holophotal description, and is kept burning every night, from the departure of day light to the return of the same in the morning. It is revolving, producing a bright flash once in every minute and is visible in ordinary weather 20 miles.

Ships may procure water from a well at the Beach, and good vegetables and fruits can also be obtained generally in abundance. Fish is plentiful and of the best description and variety, and other supplies equally abundant.

In the N E Monsoon or fall season from November to April the weather is favourable for proceeding to or from Colombo. The N E Monsoon sets in about the end of October or beginning of November, generally with Thunder, Lightning and heavy rain from the Land for a few evenings — by the end of November the weather is fine, with regular Land and Sea Breezes all along the Malabar Coast. The Land Wind off Quilon blows with considerable force usually setting in about 10 P M continuing during the night and up to 10 or 11 A M, when it dies away, and is followed by the Sea Breeze, from W to N W veering to North until the evening.

KUNNEACOOMAREE or CAPE COMORIN by the great Trigonometrical survey is in Lat $8^{\circ} 4' N$ Long $77^{\circ} 36' 45'' E$. Lieuts Hethersay, Povel and Selly, late Indian Navy and Mr Franklin R N place it 4 miles further Westward viz $77^{\circ} 32' 30'' E$. It is high water at the Cape on full and change 0 30 P M. The Cape is low, to the S E of the Point and within a mile of it, is a high Rock with two others adjoining on which the sea breaks. Near the Point to the Westward is a Pagoda and a little to the Westward of it is the Residency Bungalow, about 4 miles N W $\frac{1}{2}$ N from the Cape stands a high Conical Hill, which is the first land seen in coming from the Southward, and is the most Southern of the Ghaut Mountains. The Coast is safe to approach.

to 10 fathoms. There is generally a high surf breaking along the Beach but in coasting along, it is better not to come under 22 fathoms which is the depth about 5 miles off shore particularly during the night and when in the vicinity of the Crocodile Rock.

West a little Northerly from Cape Comorin distance 16 miles lies the Crocodile Rock upon which the sea does not always break being covered at high water—it has 16 and 17 fathoms close too.

CUDDEAPUTNUM POINT bears from the Rock N E $\frac{1}{4}$ N distance $2\frac{1}{2}$ miles. Adunda Islet on the same bearing is distance $1\frac{1}{2}$ miles and Kotah Islet N by W $\frac{1}{4}$ W a little over $1\frac{1}{2}$ miles. There is a safe passage between the Crocodile Rock and these Islets, by keeping rather closer to the Crocodile. There is also a passage between these Islets and Cuddeaputnum Point, but a good look out should be kept from the mast head in passing through either, as the Crocodile and the dangers in the inner passage cannot be seen from the Deck at high water. The Crocodile is in Lat $8^{\circ} 5' 30''$ N Long $77^{\circ} 16' 20''$ E. Cuddeaputnum Point is steep and like the neighbouring shore has a red appearance.

COLACHIL or COLACHEIL TORAY five miles N W from Cuddeaputnum Point is the rising Port of Colachil, there is a Church and a Flagstaff on the beach Lat $8^{\circ} 10' 45''$ N Long $77^{\circ} 13' 30''$ E. the anchorage in the roads is in from 8 to $8\frac{1}{2}$ fathoms, four small Islets near the Beach afford shelter to the Cargo Boats shipping Coffee or other produce, a ship therefore, calling here to load, should anchor to leeward, so as to give the Boats the greatest facility for reaching the ship with their Cargo dry. A Buoy marks a rock on which one of the Steamers swung shortly after coming to an anchor, to load Coffee in 1873, but it is inside the foul ground line as laid down in Capt Selby's chart of this Coast and it is the latest survey 1850 and 51. It is possible that Steamers could find a safe anchorage inside of the rocks above water off this Port. This could be easily ascertained by having the ground carefully swept in order to ascertain whether there is foul ground inside of them, and in the passage North of them, also if a safe entrance is to be found to the southward of them. If the examination is favourable and there is sufficient room for a Steamer to swing round when inside, the advantage to Government and all concerned will be complete. The gap between the two rocks could at little cost be filled up with Beaton if necessary. If there should not be room to

swing, the ground being otherwise free of rocks, it would only be a question of moorings head and stern. Ships' Boats should never attempt to land on any part of the Coast from Cape Comorin up to Quilon, as there is at all times a heavy surf on the Beach.

TENGAPATNUM about 5 miles N W by W from Colachel is the Town of Tengapatnum Lat $8^{\circ} 13' 30''$ Long $77^{\circ} 10'$ E off the mouth of the river (south of it) is the Island of Innayelpaz par or Encian having a Church and other Buildings on it—there are 5 other islets with Rocks above and under water near to it. The river is navigable for Boats in the rainy season from June to October for some distance inland, a considerable trade, principally in saltfish, is carried on from this place and other villages along the Coast with Ceylon.

COVALUM or RUTTERA POINT in the charts, is higher than the adjoining low land, from which it runs up terminating in a high Bluff. There is a small Bungalow on the top of it which may be seen in passing, the Coast between Tengapatnum and this is bold to approach having 18 to 20 fathoms 2 miles off shore.

TREYANDRUM or TEFROOIA AN APORIUM The seat of the Government and Capital of the kingdom of Travancore is about $2\frac{1}{2}$ miles East from Shunoomoogum on the sea Beach. The Fort cannot be seen from the sea but a Flag-staff stands about the centre of it opposite the Palace, another further to N E is at the British Residency, on a Hill to the North of the Fort stands the Observatory and can be distinctly made out in passing by its three Domes, very few public Observatories in Europe have been so well found in Instruments and all by the most celebrated makers, it is in Lat $8^{\circ} 30' 35''$ N and Long $77^{\circ} 6'$. The country round is extremely beautiful and variegated. Just from Trevandrum about 7 miles is a remarkable round Conical Hill called Namum, or Bimgil Hill in the charts, and forms a good mark for this part of the Coast being easily distinguished from the other Hills laying like it, between the Ghauts and the Coast. The Ghauts here are very high rising over 6,000 Feet.

ANJENSO or UNCHETTYKUL The Fort is in Lat $8^{\circ} 39' 40''$ N and Long $76^{\circ} 45' 15''$ E once a place of considerable importance and the earliest settlement of the late Hon^{ble} East India Company on the Malabar Coast. Orme the Historian was born here and here resided Elizabeth

Draper to whom Sterne addressed his letters to Eliza The first British Resident to the Court of Travancore John Toller died and was buried here in 1777 The Fort was deserted some time prior to the commencement of the present Century, the lower mast of the old Flagstaff still stands on the North Western angle of the Fort The town is to the North of it, and a large Roman Catholic Church with some ancient monuments principally Dutch, but the place has a forsaken appearance It is not easily distinguished from the offing, being hid by Coconut Trees There is generally a heavy surf rolling in on the shore, and the place offers no inducement for a ship to anchor, fresh water not being procurable, and the anchorage inside of 10 fathoms foul and rocky

WUKULLA Immediately to the North of the Anjengo River rises the Warkulla Ciffs to about 200 Feet, extending along the Coast to the Northward 6 miles From thence an inland navigable water communication extends by means of Canals, the huge Estuaries at Quilon, Alappay and Cochin, up to Chowghat, a distance of over 150 miles, and at a trifling cost could be made so to the Madras Railway Station at Arcot 18 miles distant during the S W Monsoon Cargo Boats go to that Point on the Madras Railway The Warkulla Ciffs are now being Tunnelled through, and will, when completed connect this water communication with Travandrum from whence there is a Canal to Wukulla Being for the most part a natural Backwater and separated from the sea by a sand Bank varying from a few yards to 5 miles in breadth, and upon which all the sea Port Towns of the Coast are situated The Estuaries too, carry considerable depths throughout, and in many parts reach far inland, into which all the water shed of the country is received, and the Rivers being more or less navigable for considerable distances inland Travancore has thus rare natural facilities to the development of her wealth and commerce which few other countries possess, and no system of Railways could attain to

QUILON The Flagstaff in Lat $8^{\circ} 53' 30''$ N Long $76^{\circ} 36'$ E by Lieut Taylor I N, a place of considerable importance in the time of the Portuguese and Dutch, and also during the Honorable East India Co's Government of India A considerable Military force was kept up here until 1832, when the station was reduced to one Regiment It exported a considerable quantity of cloth and Indigo, but this

branch of Industry, and the general trade of the place has much fallen off. The point near the Flagstaff runs out a little in the sea, and is higher than the coast North and South of it. Three quarters of a mile S E of the Point is a reef with 4 fathoms close too. The anchorage is with the Flagstaff N to N by E in 8 or 10 fathoms small vessels anchor further in the S E of the Flagstaff and reef in 5 fathoms.

Great caution is necessary in approaching this part of the coast, as an extensive reef and detached rocks stretch ing from the South of the point 3 miles to Seaward and 7 miles North to Iyker or Ibi River. A ship therefore in passing or working along the coast should keep the lead going, and not come under 12 fathoms, as that is the depth close to this dangerous reef, with a fair wind and not bound to any part of the coast 22 to 23 fathoms would be prudent soundings to preserve from Cap. Comora to the North of the Quilon reef as these soundings will carry a ship well clear of the Crocodile Rock. A light house is being built on Cadea Patann Point to mark the vicinity of the Crocodile danger, but "the Lead, Latitude and Look out" should never be relaxed, particularly in the vicinity of dangers and when standing in for the land.

The ship Lady Hodgkinson from England bound to Bombay with 7 troops, and a valuable cargo, on the fore noon of the 22nd of December 1858 (the first month in the year) while standing along shore to the Northward with the Land wind and smooth water, ran on the *inside* of the Quilon Reef and became a total wreck. It was said a leadsman was in the chains, if so, the lead must have been over hove, as the ship was not more than 800 yards from the shore and for sometime in little more than her own draft of water.

The coast from Iyika River North to Alleppey is fringed with cocoanut trees and is safe to approach to 7 and 8 fathoms $\frac{1}{2}$ or 4 miles off shore.

PORCAT. Porcat and in the old charts Porca is in Lat $9^{\circ} 21' 25''$ N Long $76^{\circ} 23'$ E was a place of considerable importance in the time of the Portuguese and afterwards of the Dutch. The factory was washed away by the sea in 1742, a Canal running within a few yards of the Beach connects this place with the Backwater, off this place, is the present Southern limit of the remarkable smooth water for which Alleppey has been so long celebrated.

"Chetticaul" a Village $3\frac{1}{2}$ miles North from Alleppey Lat $9^{\circ} 32' 33''$ North Long $76^{\circ} 23' 10''$ East, is at the Southern limit of an extent of smooth water which has been

observed forming for the past two Monsoons, presenting the same general features as that now at Porcaud. To the Northward and Westward of the village the sea breaks in 5 to 6 fathoms in shore of which it is calm with a soft bottom. From a remote period, Alleppey has been known to Navigators as a natural harbour of refuge and the following account of it is extracted from "Penkerton's East Indies." Capt'n Cope says "Mud Bay is a place that, I believe, few can parallel in the world. It lies on the shore of St. Andrea, about half a league out in the sea, and is open to the wide ocean, and has neither Island nor Bank, to break off the force of the billows, which come rolling with great violence in all other parts of the Coast, in the South West Monsoon, but, on the bank of mud, lose themselves in a moment, and ships lie on it as secure as in the best harbour without motion or disturbance."

The centre of this smooth water anchorage, is now 6 Miles to the South of the Light House, and the following directions are published for the guidance of Mariners seeking shelter in that safe anchorage.

The remarkable smooth water anchorage, which for a number of years existed off Alleppey, has, since 1868, been gradually moving Southward and is now between Lat $9^{\circ} 26'$ and $9^{\circ} 25' N$ or between the village of Pinapera and the town of Ambalapole. Notice is hereby given that a Red Buoy has been placed in a quarter less five fathoms off the village of Nercoonum, midway between Pinapera and Ambalapole. The Alleppey Light House bears from the Buoy North $\frac{1}{2}$ East by compass, distant $7\frac{1}{2}$ Miles, off shore about two and half miles, and will be continued to mark this smooth water anchorage during the S W Monsoon, or from the beginning of May until the end of October in each year—when it will be taken up for cleaning and painting ready to be placed in position in the following May.

Ships running for the anchorage should, after sighting the Buoy, keep along in 7 fathoms until it bears well to the Eastward, when they can run in and anchor to leeward either to the Westward or in shore of it, in 5 or 3 Fathoms of water taking care to give the moorings of the Buoy a clear berth.

During heavy gales in the S W Monsoon the sea breaks in $6\frac{1}{2}$ fathoms West of the Buoy, inside of this, it is at once calm. The Bottom is soft mud and the soundings very even and regular. A quarter of a mile inside the Buoy there is four gradually shoaling to three, two and one fathoms 60 yards from the Beach.

In coming to an anchor the officer in charge should see that the anchor is clear and the chain stopped up clear of the stock, and to let go only after the ship has gathered good stern way. If the ship has put in, in distress, or is to remain any time, the whole cable should be given.

The southern limit of the smooth water is now a little North of Porcaud which is connected by Canal with the Backwater.

Severe gales of wind are liable to happen on the Coast in April, May and June, also in October and November, a careful attention to the Barometer, particularly if the maximum and minimum pressure be daily registered, will always give sufficient warning of the approach of these storms, to enable ships on the Coast or in Cochin roads to seek shelter at Narakal or on the mud Bank, 6 miles south of Alleppey. The S W Monsoon sets in at Alleppey generally in the beginning of June from N W and blows with great violence attended with thunder and lightning and rain.

The maximum height of the Barometer at Alleppey occurs at 9 40 A M and P M and the minimum at 4 A M and 4 40 P M.

The general direction of the Wind during the S W Monsoon at Alleppey is from W N W to N W.

HUGH CRAWFORD,

Master Attendant, Alleppey

BOAT RULES

*For the Port of Colachel, promulgated by
His Highness the Maharaja*

1. The Customs Officer shall be the Master Attendant and shall have control over the Boats and crews working at the Port.
2. The boats required for landing or shipping cargo will on application be supplied by the Master Attendant.
3. The number of boats shall not be less than 20 to be held in readiness at the Port. They shall be in sound and seaworthy condition.

4. The boats shall be numbered in large white figures in English and Vernacular and registered in the Master Attendant's Office according to form (A) annexed.

5. The owners of boats so numbered and registered shall have licenses granted them by the Master Attendant in form (B) annexed.

6. No boats will be permitted to ply in the Port unless previously numbered and registered.

7. All boat hire for shipping and landing cargo shall be paid in advance according to the rates given in the annexed schedule.

8. Each boat shall have the full complement of rowers entered in the Master Attendant's Register.

9. Half hire to be added for boats that have to be employed after 6. P. M. and on Sundays.

10. Should the cargo be damaged through carelessness on the part of the boat owners or the men employed by them the owners shall be held responsible for the cargo so damaged and likewise for any plunder or theft of the cargo during transit.

11. For goods damaged by rain boat owners will not be held responsible. Merchants or owners of goods shall provide tarpaulins.

12. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

13. Boat owners refusing to let on hire boats for which license has been granted or otherwise conform to the above rules without reasonable cause, shall be liable on conviction before the local Magistrate to a penalty not exceeding 10 Rs. For a repetition of the offence, the offender shall be liable to a higher penalty not exceeding 20 Rs. and forfeiture of license.

14. If any boatman serving in licensed boats by wilful neglect or desertion of duty cause any impediment to the service of such boats he shall be liable on conviction before the local Magistrate to such punishment as may be called for by each case within the power vested on him by the existing Regulation.

15. In case any person uses without having previously taken out a license any boat for shipping or landing goods and Passengers at the Port, he shall be liable on conviction before the Magistrate to a fine not exceeding 10 Rs. and the boat so used shall be confiscated.

16 Whenever a boat becomes unseaworthy, the license will be withdrawn and the number on the boat obliterated

17 Transfer of boat from one owner to another shall be duly registered in Office of the Master Attendant within one week of such transfer, in default, the original owner shall be liable to a penalty not exceeding 10 Rs

18. Each registered boat holder shall sign a declaration at the time of the issue of the license that he has comprehended and has consented to conform to the above rules.

19 The above rules shall be considered applicable to Catamarans and Canoes also

20 The above rules are not to be considered as interfering with Ships' boats or Pleasure boats taking off and landing passengers and their baggage or ships stores all of which however must be embarked within the limits of the port

A SASHIAH SASTRI,

DIWAN

HUZZOOR CUTCHEERY, }
Trevandrum, 30th Oct, 1873 }

FORM A.

Register No.	Name of the owner	Names of the Crew	Capacity of the boat	Dimensions in length & thickness.	Date of license	

FORM B

I hereby permit _____ to use the Boat hereunder specified at the Port of Colachel under the rules dated 30th October 1873, sanctioned by the Government.

I have on personal inspection found the said boat to be sound and sea worthy

No. in the Register	Dimensions		Capacity	Name of License holder	No of Crew	Names of Do
	Length	Thickness				

SCHEDULE

Boat hire for taking Cargo
To Barques, Ships and Steamers.

		Ch	C	
I	Coffee in boxes weighing between 2 and 3 Cwt	3	8	per box
II	Do in bags each weighing between 1 and 2 Cwt	1	"	" bag
	<i>To Native Vessels</i>			
III	Tamarind	1	"	" bundle
IV	Fish	4	10	" 4 bundles
V	Jaggery	4	"	" 3 Do
VI	Cocoanuts with husk	28	"	" 1000
VII	Do without husk	16	"	" 1000
VIII	Coir	10	"	" candy
IX	Timber	10	"	" Do
X	Ballast	4	"	" Ton
	The above rates in regard to Native Vessels to be increased by $\frac{1}{2}$ for ships &c			
XI	Landing general Cargo from ships &c	10	8	" 14 Cwt
XII	Do Do Do from Native Vessels	8	"	" Do
XIII	Landing general Cargo in return boats $\frac{1}{2}$ of the above rate			
XIV	Passengers	2	"	per head
XV	Boat hire for a full day	56	"	

BOAT RULES.

*For the Port of Alleppey, sanctioned by His Highness
the Mahu Rajah*

1 An Officer to be styled 'Boat Master' shall have immediate control over all Boats and crews plying in the Port

2 He shall be subject however to the control of the Master Attendant

3 For the purposes of carrying out these Rules and for those purposes only the Boat Master shall exercise the powers of a Sub-Magistrate

4 Similarly the Master Attendant shall have the powers of a Magistrate

5 Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate such cases should be referred to the Magistrate for disposal

6 From and after the 20th Instant no boat shall be permitted to carry goods or passengers from or to any ship or vessel at the port, unless such boat has been registered and numbered and the owner has taken out a License in the manner hereinafter mentioned

7 If any person who has not registered and numbered his boat or taken out a license shall use a boat for the aforesaid purpose, such person shall on conviction be liable to a fine not exceeding 50 Rupees or in default of payment to imprisonment not exceeding 90 days

8 Whenever the owner of any boat wishes to take out a license he shall present in person to the Master Attendant an application in writing specifying the dimensions of his boat the number of the crew, and the quantity of cargo or number of passengers it is to be permitted to carry

9 The Master Attendant shall on receipt of such application, inspect the boat, and on being satisfied that it is seaworthy he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then re-register the boat according to form (A) annexed

10 A fee of 2 Rupees shall be paid for registering every boat

11 The owner of every registered boat shall have granted to him a license according to form (B) annexed

12 Every registered boat shall bear on a conspicuous part of it the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted in black English figures on one side and in Malayalam figures on the other. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days

13 If any person who is not a boat owner shall be guilty of or assist in altering or erasing the number he shall, on conviction be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number every such person, shall on conviction be liable to a fine not exceeding 50 Rupees or in default of payment to imprisonment of either description for a term not exceeding 90 days, and every such boat shall be confiscated.

14 The boats required for landing or shipping cargo or passengers shall on application be supplied by the Boat Master.

15 All boat hire for landing or shipping cargo shall be paid in advance according to the rates given in the annexed Schedule (C) which shall be revised from time to time under the sanction of the Dewan.

16 The ordinary hours for Boats to ply will be between 5 A. M. and 6 P. M.

17 No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boat man or owner taking off or landing goods or passengers beyond such limits shall, on conviction be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

18 Two thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale.

Boats carrying one to two tons, 6 Europeans or 8 Natives.

Boats carrying over two tons for every ton in excess, 4 Europeans or 5 Natives.

And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rupees or in default of payment to 8 days imprisonment, and every other person who shall be guilty either as principal or accessory of the like offence, after having been duly warned by the Tindal shall be liable on conviction to a fine of 10 Rupees or in default of payment to 16 days imprisonment for every surplus passenger or candy of goods.

14 Each boat shall have the full complement of rowers entered in the Master Attendant's Office. Boats loaded with two tons and under shall have one steersman and 1 rower. Boats carrying over two tons for every ton in excess one additional rower. And any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

20 There shall be a general descriptive Register (form D) kept of all competent Tindals and able bodied rowers who are registered as crews of Boats and each Tindal or rower shall be furnished by the Master Attendant with a metal plate bearing his No in the general Register which metal plate shall be produced, whenever demanded.

21 And if any boatman serving in any such licensed boat shall by wilful neglect, refusal or desertion of duty cause impediment to the service of such boat he shall be liable on conviction to a fine not exceeding 10 Rupees or in default of payment to 16 days imprisonment, or in aggravated cases to corporal punishment not exceeding 12 lashes, and for a repetition of the offence or if in any case life may have been endangered, he shall be liable to receive such increased punishment as the nature of the offence may warrant

22 All boats shall carry such number of passengers or such quantity of cargo as has been specified in Rule 18 Any refusal to take such passengers or cargo will subject the owner to loss of hire, and suspension of License

23 All owners of boats shall submit their boats to the inspection of the Master Attendant or the Boat Master, whenever he calls upon them to do so and they shall likewise carry out such repairs to the boats as may be ordered Any refusal to attend to such order shall subject the owner to the suspension of his License which will be entirely withdrawn should such refusal be continued for one month

24 Whenever a boat becomes unserviceable the License will be withdrawn

25 Whenever a License is withdrawn the Master Attendant or Boat Master shall obliterate the number

26 Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged and likewise for any plunder or theft of the cargo during transit If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss

27 For goods damaged by rain boat owners shall not be held responsible Merchants or owners of goods shall provide tarpaulins when necessary

28 All disputes regarding boat hire or any other matter connected with the Boat service between shippers or passengers, and boat owners or boat men shall be decided by the Boat Master or in particular cases by the Master Attendant whose adjudgment shall be final

29 Transfer of boat from one owner to another shall be duly registered in the Master Attendant's Office within one week of such transfer, in default, the original owner shall be liable to a penalty not exceeding 10 Rupees

30 Boat owners refusing to let on hire boats for which Licenses have been granted, or allowing their men to ply boats beyond the prescribed limits or time or landing or shipping cargo without the Boat Master's permission or otherwise failing to conform to the above rules, shall on conviction be liable to a fine not exceeding 50 Rupees in default to imprisonment not exceeding 3 months

31 The boats shall be so told off for work from day to day as to prevent undue advantage to the owners of some and undue loss to the owners of others

32 The above rules shall be considered applicable to Catamarans and Canoes also

33 The above rules are not to be considered to interfere with Ships Boats or Pleasure Boats taking off or landing passengers or their baggage or Ships stores, all of which must be embarked or debarked within the limits of the port and also during the prescribed hours only

34 All Boat owners shall have their Boats inspected and Registered as required by the above Rules within the 20th Instant

A SASHIAH SASTRI

DEWAN

Honourable Civil Judge
6th October 1874

FORM A

Register of Licenced Boat belonging to the Port of Alleppey

No of Boat in the Register	Name of owner	Place of residence of owner	Occupation of owner	No of Crew	Capacity of the Boat	Dimensions in length and thickness	Date of License

Signature of Master Attendant

FORM B

I hereby permit _____ to use the boat hereunder specified at the Port of Alleppey under the restrictions and subject to the penalties laid down in the Rules sanctioned by the Government under date the 6th October 1874. I have on personal inspection found the said boat to be sound and sea-worthy

No in Register	Date of Registry	Dimensions		Capacity of Boat	No of passengers without cargo	No of Crew	Names of Crew	Remarks
		Length	Thickness					

Alleppey, Master Attendant Office,

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Signature of Master Attendant

Schedule of Boat Hire for the Port of Alleppey

No	Articles	Boat hire		
		Rs	Ch	C
1	Cocoanuts per 1000 with Husk	1	8	"
2	Do Do without Do	"	15	"
3	Coprah	}	8	"
4	Ginger			
5	Turmeric			
6	Wheat and other grains			
7	Iron, Copper, China, Cash and other Metals	Do	8	"
8	Cotton	Do	14	"
9	Cowr	Do	10	"
10	Rope	Do	10	"
11	Europe Twist	per Bale	4	"
12	Long Cloth	Do	2	"
13	Silk cases each	Do	2	"
14	China paper	per Box	3	"
15	Umbrellas	Do	4	"
16	Crackers	Do	4	"
17	China plates, basons &c	Do	2	"
18	Do Jars	per 100	7	"
19	Do Preserves	per case	2	"
20	Tea	per chest	4	"
21	8 15 Oaty Boxes	Do	1	8
22	Spice	Do	14	"
23	Paddy	per 100 Parahs	8	"
24	Firewood	per 1500 Billets	14	"
25	Water	per Rhds	6	"
26	Do	per Leaguer	1	"
27	Do in bulk	per Boat	7	"
28	Pilgrims 15 in No with sundries			
	embarking or landing	1	2	"
29	Shipping Planks	per Curge	1	"
30	Do Do Double	Do	2	"
31	Do Timber Logs	per Candy	4	"

Half hire to be added when a boat is used on Sundays or beyond the hours specified in rule 16 during ordinary days

Half the above rates for Pattamars

Rates of Hire for Boats

Single Boat with 6 Oars in fair weather to Pattamar 10 Chs.—Ships 20 Chs.

Ditto 4 Do Do Do 8 Chs —do 14 Chs

Ditto 3 Do Do Do 7 Chs —do 12 Chs

Night fair weather double the above rates and night foul four rates

A Boat detained over 1½ Hour, double boat hire, over 3 hours
4 rates—and so on

Boats detained alongside after 6 P M double Boat hire in all such
cases will be charged to the ships

A SASHIAH SASTRI,
DEWAN

FORM D

Register of Able bodied Boatmen of the Port of Alleppey

General No.	Date of Registry	Names of Boatmen	Age	Place of residence	Occu- pation	Remarks
						Tindals should be distinguished from the rest by a remark in this column

Signature of Master Attendant

LAND AND SEA CUSTOM CHOWKEYS.

<i>Supt's Ranges</i>	<i>Chowkey.</i>
Arambooly	Arambooly Poonacoolum Alavakara Unjegramum.
Colachel	Manacoody Colachel Puttanum Pooar Villinjum
Tangacherry (or Quilon)	Poonthoray Anjengo Paravoor Tangacherry Kayencolum
Alleppey	Alleppey Katoor
Areccootty	Manakodum Areccootty Velloothooly. Kundanaad Chathanaad Varaupulay Monumbom or Pallipart Begawathekota Barnaswerunkota Eddapully
Arenkavoo	Achenkovil Kolathoorpula Arenkavoo

Besides these, there are two Chowkeys, namely at Vellyanuttum and Perooventhannum, which are under the control of the Superintendent and Magistrate of the Cardamom Hills

TRAVANCORE IMPORT TARIFF.

NO	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
1	APPAREL, INCLUDING HABERDASHERY AND MULLINERY, BUT EXCLUDING BOOTS, SHOES AND HOSIERY		Rs A <i>Ad valorem</i>	5 per cent
2	ARMS, AMMUNITION AND MILITARY STORES— Fire-arms, and parts thereof Gunpowder, common " sporting All other sorts	lb " "	0 " 5 1 0 <i>Ad valorem</i>	10 per cent.
3	BRUSHES, ALL SORTS		"	
4	BUILDING AND ENGINEERING MATERIALS— Asphalt Cements, all sorts Earthen ware piping		" " "	
5	CABINET WARE AND FURNITURE		"	
6	CANDIES— Paraffine Spermaceti Wax All other sorts, including composition	lb " " "	0 5 0 8 1 0 0 5	5 per cent
7	CANES, RATANS, ARTICLES MADE OF CANE OR RATAN, AND BASKET WORK— Canes, Malacca Ratans All other sorts, except common bamboos, which are free	Doz Cwt "	1 0 7 0 <i>Ad valorem</i>	
8	CARRIAGES AND COMPONENT PARTS THEREOF, EXCEPT RAILWAY CARRIAGES AND TRUCKS.		"	

TRAVANCORE IMPORT TARIFF—(Continued)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
9	CHEMICAL PRODUCTS AND PREPARATIONS—		Rs. A	
	Acid sulphuric	lb	0 2	
	Alkali, country, (sajjis khar)	Cwt	2 0	
	Alum	"	4 0	
	Arsenic	"	25 0	
	" China mansul	"	16 0	
	Brimstone, flour	"	7 0	
	" roll	"	6 0	
	" rough	"	4 8	
	Copperas, green	"	3 0	
	Sul ammoniac	"	25 0	
	All other sorts	"	Ad valorem	
10	CHINESE AND JAPANESE WARE INCLUDING LACQUERED WARE BUT EXCLUDING EARthen WARE, CHINA AND PORCELAIN			
11	CLOCKS, WATCHES AND OTHER TIME KEEPERS			
12	COIR AND ARTICLES MADE OF COIR—			
	Matting			5 per cent
	Yarn of all kinds	Cwt	9 0	
	Other articles made of coir, except cables and rope		Ad valorem	
13	CORAL, REAL		"	
14	CORDAGE AND ROPE MADE OF ANY VEGETABLE FIBRE EXCEPT COTTON AND JUTE—			
	Coir cables, tarred	Cwt	10 0	
	Coir rope	"	10 0	
	Cordage, hemp, European	"	20 0	
	" Manila	"	25 0	
	Twine, European, Sail	lb	0 8	
	All other sorts		Ad valorem	
15	CORK AND ARTICLES MADE OF CORK—			
	Bottle-corks	GROSS	1 8	
	Vial corks	"	0 8	
	All other sorts		Ad valorem	

TRAVANCORE IMPORT TARIFF—(Continued.)

No.	NAMES OF ARTICLES.	PER	TARIFF VALUATION	RATE OF DUTY
16	COTTON AND ARTICLES MADE OF COTTON—		Rs A.	
	Cotton hosiery		<i>Ad valorem</i>	
	Cotton, Raw, not the pro- duce of Continental Asia or Ceylon			
	Cotton rope	Cwt	25 " 0	
	Country canvas	,	50 0	
	Piece Goods—			
	Grey—			
	Jaconets, exceeding 10 × 10 to the quarter inch	lb	0 12	
	Jaconets, other sorts	"	0 10½	
	Mulls	"	1 1	
	Printers	"	0 10½	
	Shirtings and longcloths	"	0 9	5 per cent
	T cloths 18 reed and up- wards, and madapol- lams	,	0 9½	
	T cloths under 18 reed, jeans, domestics, sheet- ings and drills	"	0 8	
	Other sorts		<i>Ad valorem</i>	
	Sewing thread—			
	Goa and Country	Cwt	30 0	
	On reels or cards con- taining 100 yards each, and <i>pro rata</i> above and below*			
	White and coloured	Gross lb	3 0 1 0	
	Twist—			
	Mule—No 1s & lower Nos	lb	0 5	
	Nos 16 to 24	"	0 7	
	" 25 to 32	"	0 8	
	" 33 to 42	"	0 9½	
	" 43 to 52	"	0 11	3½ percent
	" 53 to 60	"	0 12½	
	" 61 to 70	"	0 14	
	" 71 to 80	"	0 15	

* Duty to be charged either on the mark or on the actual length

TRAVANCORE IMPORT TARIFF—(Continued.)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
			Rs A.	
	And so on, one anna to be added to the valuation per lb for every count of ten, or part of a count of ten above 80			
	Water—No 20 & lower Nos.	lb	0 8	3½ per cent.
	Nos. 21 to 30	"	0 9½	
	" 31 to 40	"	0 11½	
	" 41 to 50	"	0 13	
	Above 50	"	1 0	
	Twist, Orange, Red, and other colours except Turkey Red*	"	0 13	3½ per cent.
	Twist, Turkey Red, all kinds*	"	1 "	
	Cotton goods, all other sorts		Ad valorem	
17	DRUGS AND MEDICINES, EXCEPT OPIUM—			
	Aloes, black	Cwt.	11 0	5 percent
	" SOLOTRA	"	25 0	
	Assafetida (hing)	"	5½ 0	
	" coarse (hingra)	"	10 0	
	Camphor, Bhemman (banas)	lb	80 0	
	" refined, cake	Cwt.	65 0	
	" crude, in powder	"	40 0	
	Cassia lignea	"	38 0	
	Salep	"	80 0	
	Senna leaves	"	5 0	
	All other sorts, except quinine which is free		Ad valorem	
18	DYEING AND COLOURING MATERIALS—			
	Aniline dyes—Magenta & Roseine	oz	0 4	
	Cochineal	lb	1 4	
	Gallnuts, country, Myrahulam	Cwt	4 0	
	" Persian	"	25 0	
	Madder or manjith	"	12 0	

Duty to be charged on the gross weight of the coloured yarn when this is not ascertainable the actual wharf weight or invoice weight, to be taken

TRAVANCORE IMPORT TARIFF—(Continued.)

No	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
			Rs A	
	Ochulla weed	lb	5 0	}
	Sapan wood and root	"	5 0	
	All other sorts		<i>Ad valorem</i>	
19	EARthen WARE (EXCLU SIVE OF THE WARE IMPORTED) CHINA, CHINA CLAY AND PORCELAIN		"	
20	FIN EWORKS—			
	China	Box of 128 lbs.	30 0	} 5 per cent
	All other sorts		<i>Ad valorem</i>	
21	FLAX AND ARTICLES MADE OF FLAX—			
	Canvas, European sail, not exceeding 40 yards	Bolt	15 0	}
	Piece goods		<i>Ad valorem</i>	
	All other sorts, including linen thread		"	
22	FRUIT S AND V EGETABLES—			
	Almonds without shell	Cwt	30 0	} 5 per cent
	" in the shell	"	11 0	
	Cajoo kernels	"	10 0	
	Cocoanuts	Thousand	50 0	
	" kernel (khopra)	Cwt.	8 8	
	Currants European	"	35 0	
	" Persian	"	12 0	
	Dates, dry, in bags	"	4 8	
	" wet, in bags	"	3 8	
	" " in pots	"	7 0	
	Figs, European	"	42 0	
	" Persian, dried	"	6 8	
	Garlic	"	5 0	
	Pistachio nuts	"	20 0	
	Peanuts, Bussorah	"	16 0	
	Baisins black, Persian			
	Gulf, Red Sea, and Kish mush	"	16 0	
	" Munakka, Persian			
	Gulf, and Red Sea	"	7 0	
	" Malaga and bloom	lb	0 10	
	" other sorts		<i>Ad valorem</i>	
	Walnuts	Cwt	5 8	

TRAVANCORE IMPORT TARIFF—(Continued)

No	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
	All other sorts, except Bod muahk, Bajarbattu nuts, and fresh fruits and ve getables not separately enumerated, which are free		Rs A	
23	GLASS, GLASS WARE, BEADS, FAKE PEARLS AND FAKE CORALS—		<i>Ad valorem</i>	
	Bangles, Glass, China, gilt	100 pairs	6 0	
	" " , not gilt	"	3 0	
	Beads, China	Cwt	30 0	
	Coral, false		<i>Ad valorem</i>	
	Glass, China, of all colours.	133½ lbs.	32 0	
	" Crown colored	100 Supl feet.	2 0	
	" " of sizes	"	7 0	
	Pearls, false—			
	Bayra	Lakh	5 0	
	Boria	Thousand	1 4	
	Jouria	Lakh	8 0	
	Nathia	Thousand	0 6	
	Tachea	"	1 0	
	Wattansh	Lakh	10 0	
	All other sorts of beads, false pearls and glass except bottles used to bottle beer, wine spirit, or aerated waters, which are free		<i>Ad valorem</i>	5 per cent
24	GUMS, GUM RESINS, AND ARTI CLES MADE OF GUM OR GUM RESIN—			
	Copal	Cwt	65 0	
	Outch and Gambier	"	10 0	
	Gum Ammoniac	"	12 0	
	" Arabic	"	15 0	
	" Bdellium, (common gum)	"	5 0	
	" Benjamin	"	40 0	
	" Byasbol (coarse myrrh)	"	12 0	
	" Olibanum or frankin- cense	"	12 0	

TRAVANCORE IMPORT TARIFF —(Continued)

No	NAMES OF ARTICLES.	PER	TARIFF VALUATION	RATE OF DUTY
	Kino	Cwt.	Rs. A 10 0	
	Myrrh	"	30 0	
	" Persian (false)	"	3 0	
	Rosin	"	5 0	
	All other sorts		<i>Ad valorem</i>	
25	HARDWARE AND CUTLERY, INCLUDING IRONMONGERY AND PLATED-WARE BUT EXCLUDING MACHINERY AND THE COMPONENT PARTS THEREOF, WHICH ARE FREE, AND AGRICULTURAL IMPLEMENTS, WHICH ALSO ARE FREE		"	
26	HEMP AND ARTICLES MADE OF HEMP—			
	Piece goods		"	
	All other sorts except rope.		"	
27	HIDES AND SKINS, EXCEPT RAW OR SALTED HIDES OR SKINS, WHICH ARE FREE—			
	Hides—			5 per cent.
	Border	Each	30 0	
	Buffalo	Score	30 0	
	Cow	"	60 0	
	Skins—			
	Calf	Doz	45 0	
	Chamois	"	6 0	
	Goat	Score	16 0	
	Lamb	"	6 0	
	Roan	Doz.	30 0	
	Sheep	Score	11 0	
	All other sorts		<i>Ad valorem</i>	
28	INSTRUMENTS AND APPARATUS—			
	Musical			
	Drawing, Measuring, Optical, Photographic (including materials for photography), Surveying, and Surgical (including surgical appliances)		"	
			"	

TRAVANCORE IMPORT TARIFF—(Continued)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
			Rs A.	
29	IVORY AND IVORY-WARE—			
	Unmanufactured—			
	Elephants' grinders	Cwt	125 0	
	Elephants' tusks each exceeding 20 lbs. in weight.	"	450 0	
	Elephants' tusks not less than 10 lbs and not exceeding 20 lbs each	"	325 0	
	Elephants' tusks each less than 10 lbs	"	175 0	
	Sea-cow or moye teeth, each not less than 3 lbs	"	175 0	
	Sea-cow or moye teeth, each less than 3 lbs	"	60 0	
	Articles made of ivory		Ad valorem	5 per cent
30	JEWELLERY, INCLUDING PLATE—			
	Silver ware, Plain	Tola	1 2	
	" Embossed or chased	"	1 8	
	All other sorts, except precious stones and pearls, which are free		Ad valorem	
31	LEATHER AND ARTICLES MADE OF LEATHER, INCLUDING BOOTS, SHOES, HARNESS AND SADDLERY, BUT EXCLUDING BELTING FOR DRIVING MACHINERY, WHICH IS FREE		"	
32	LIQUORS—			
	Ale, beer and porter			
	Cider, and other fermented liquors	Imp. Gallon or six quart bottles		One anna.
	Liqueurs	"		Rs. 4
	Spirit, for use exclusively in arts or manufactures or in chemistry, which has been rendered effectually and permanently unfit for human consumption		Ad valorem	10 per cent.

TRAVANCORE IMPORT TARIFF—(Continued.)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
			Rs A	
	Spirit, other sorts	Imp. Gallon six quart bottles of the strength of London proof		Rs. 4, and the duty to be in- creased in pro- portion as the strength of the spirit exceeds London proof
	Wines—			
	Champagne and all other sparkling wines	Imp. Gallon or six quart bottles		Rs 2-8.
	Claret, and Still Burgundy	,		Rs 1
	All other sorts of still wines.	"		Rs 1-8.
33	MATCHES, LUCIFER, AND ALL OTHER SORTS		Ad valorem	
34	MATS—			
	Floor matting, China and Singapore, of all sorts	Hundred	70 0	
	All other sorts except coir matting		Ad valorem	
35	METALS, UNWROUGHT, WROUGHT, AND ARTICLES MADE OF METALS—			
	Brass—			
	Beads— Ghungri, China	Thousand	0 14	
	Old	Cwt	35 0	
	Sheets, rolls, very thin	"	90 0	
	Wire	lb	0 8	
	All other sorts		Ad valorem	
	Copper—			5 per cent.
	Australian cake	Cwt	50 0	
	Bolt	"	50 0	
	Brazers	"	52 0	
	China cash	"	30 0	
	Japan	"	48 0	
	Nails and composition nails	"	48 0	
	Old	"	48 0	
	Pigs and alabs, foreign	"	46 0	
	Sheet, sheathing and plate	"	52 0	
	Tiles, ingots, cake, and bricks	"	48 0	
	Other sorts, unmanufactured		Ad valorem	
	China white copper ware	lb	1 2	
	Foil or dakpana	100 leaves	3 0	
	Wire	lb	0 10	

TRAVANCORE IMPORT TARIFF —(Continued.)

NO	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
	All other sorts		Rs A	
	Gold Leaf, European	100 leaves	<i>Ad valorem</i> 3 0	} 5 per cent
	" Mock	20 books	5 0	
	Iron—			
	Anchors and cables		<i>Ad valorem</i>	}
	Angle and T iron		"	
	Beams, Pillars, girders, bridgework, and other descriptions of iron, imported exclusively for building purposes		,	
	Flat, square and bolt, including Scotch	Ton	100 0	} 1 per cent
	Galvanised	Cwt.	11 0	
	Do Sheets and ridging	"		
	Hoop, plate and sheet	Ton	135 " 0	
	Nails, rose, clasp, and flat-headed, rivets and washers	Cwt	12 8	
	Nails other sorts, including galvanised		<i>Ad valorem</i>	
	Nail rod	Ton	120 0	
	Old	Cwt.	2 0	
	Pig	Ton	55 0	
	Pipes and tubes		<i>Ad valorem</i>	
	Rice bowls	Set of ten	4 0	} 5 per cent.
	"	" six	2 0	
	Rod, round, British, not exceeding half-inch diameter	Ton	130 0	
	" exceeding half-inch diameter	"	100 0	
	Swedish, flat and square	"	160 0	
	Tinned plates	Cwt	15 0	
	All other sort, including wire, but excluding railway materials, and kentledge, which last named article is free		<i>Ad valorem</i>	
	Lametta, double reels	Score	4 8	
	" single "	"	2 4	

TRAVANCORE IMPORT TARIFF—(Continued.)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
	Lead—		Rs. A.	
	Ore, Galena	Cwt.	13 0	
	Pig	"	11 0	
	Pipes		<i>Ad valorem</i>	
	Sheets, tea	Cwt.	20 0	
	" other sorts	"	12 0	
	Orsidue and brass leaves, foreign, European	lb	1 2	
	" " " China	"	0 14	
	Patent or Yellow Metals, sheathing, sheets, and bolts	Cwt	42 0	
	Do do old	"	37 0	
	Quicksilver	lb	2 8	
	Shot, bird	Cwt	16 0	
	Steel excluding railway materials—			
	Blistered	"	9 0	
	British and foreign other than Swedish	"	9 0	
	Cast	"	25 0	
	Spring	"	10 0	
	Swedish	"	10 0	
	Tin, Block	"	50 0	
	" other sorts		<i>Ad valorem</i>	
	Zinc or Spelter—			
	Nails	Cwt.	14 0	
	Plate and other shapes, soft	"	15 0	
	" " " hard	"	11 0	
	Sheet or zinc sheathing	"	17 0	
	All other sorts		<i>Ad valorem</i>	
36	MILITARY AND OTHER UNI- FORMS AND ACCOUTREMENTS &c, EXCEPT UNIFORMS AND ACCOUTREMENTS IMPORTED BY A PUBLIC SERVANT FOR HIS PERSONAL USE, WHICH ARE FREE		"	5 per cent
37	NAVAL STORES NOT OTHERWISE DESCRIBED, EXCEPT OAKUM, WHICH IS FREE		"	

TRAVANCORE IMPORT TARIFF —(Continued)

No.	NAMES OF ARTICLES	PFB	TARIFF VALUATION	RATE OF DUTY
			Rs A	
38	OILS—			
	Cassia	lb	3 0	
	Cocconut	Cwt	15 0	
	Grass	lb	1 12	
	Jupih or til	Cwt	10 0	
	Kerosine, paraffine, petroleum, rock and shale oils of all descriptions	Imp Gallon	0 12	
	Lanseed, European	"	2 0	
	Naphtha	Cwt	90 0	
	Oil of sorts	oz	10 0	5 per cent
	Sandalwood	lb	8 0	
	Turpentine	Imp Gallon	1 10	
	Whale (except spermaceti) and fish	Cwt	15 0	
	Wood	"	15 0	
	All other sorts, except cocum and slush fat, which are free		Ad valorem	
39	OIL AND FLOOR CLOTH		"	
40	OPHIUM—			
	N B Ought to have paid duty to the British Indian Government and can be imported only by the Government contractor	lb	13 2	10 per cent.
41	PAINTS, COLOURS, PAINTERS MATERIALS, AND COMPOSITIONS FOR APPLICATION TO LEATHER AND METALS—			
	Ochre other than European, all colours	Cwt	1 8	
	Paints of sorts	"	12 0	
	" Composition	"	25 0	
	" Patent driers	"	14 0	
	Prussian blue, China	lb	0 8	5 per cent
	" " European.	"	1 8	
	Red lead	Cwt	14 0	
	Turpentine	Imp. Gallon	1 10	
	Verdigris	Cwt	75 6	
	Vermilion, Canton	Box of 50 lbs.	150 0	

TRAVANCORE IMPORT TARIFF —(Continued.)

NO	NAME OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
	White lead	Cwt	Rs A 12 0	} 5 per cent
	All other sorts		<i>Ad valorem</i>	
42	PAPER—			} 5 per cent
	Wall paper		"	
43	PERFUMERY—			} Rs. 4
	Atary, Persian	Cwt	1 0	
	Perfumed spirit in wood or in bottles containing more than half a pint	Imp Gallon		
	Rose flowers, dried	Cwt	13 0	
	Rose water	Imp Gallon	1 12	
	All other sorts, including perfumed spirit in bottles containing not more than half a pint		<i>Ad valorem</i>	
44	PIECE GOODS, NOT OTHERWISE DESCRIBED			
45	PIPES AND OTHER IMPLEMENTS, USED IN THE CONSUMPTION OF TOBACCO		"	
46	PITCH, TAR, AND DAMMER—			} 5 per cent
	Bitumen			
	Dammer	Cwt	5 0	
	Pitch, American and European	"	6 0	
	" Coal	"	2 8	
	Tar, American and Euro pean	"	6 0	
	" Coal	"	2 8	
	" Mineral		<i>Ad valorem</i>	
47	PROVISIONS AND OILMAN'S STORES			
	Bacon in canisters, jowls and cheeks	lb	0 9	
	Beef and pork	Thence of 3 Cwt Barrel of 3	20 0 20 0	
	Cheese	lb.	0 10	
	China preserves	Box of 6 Jars	8 0	
	Flour	Barrel or sack of 100 lbs.	15 0	
	Ghee	Cwt	36 0	
	Groceries not otherwise described		<i>Ad valorem</i>	

TRAVANCORE IMPORT TARIFF — (Continued)

NO	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
	Pork hams	lb	Rs A. 0 10	5 per cent 12 annas.*
	Salted fish*	Cwt		
	Tongues, salted	Keg of six	10 0	5 per cent
	Vinegar, European, in wood	Imp Gallon	1 8	
	" Persian	"	0 12	
	" Country	"	0 6	
	All other sorts, except bêche de mer fishmaws, shark fins, singally and sozille, which are free.		Ad valorem	
48	RAILWAY MATERIALS—			
	Of iron		"	1 per cent
	Steel rails and other articles made of steel intended for the permanent-way of railways		"	
	All other sorts, including carriages and trucks		"	5 per cent
49	SALT—			
	N B Ordinary Salt cannot be imported except on account of the Govt.			Re 1 As 13
	Indippoo	Indian M. 70 1/2 of 5,200 lbs		
50	SEEDS—			
	Castor	Cwt	4 8	5 per cent
	Cummin	"	13 0	
	" black	"	4 8	
	Linseed	"	5 8	
	Methi	"	4 0	
	Mustard, rape, or sarson	"	4 8	
	Quince seed or bihi dana	"	30 0	
	Sozirá	"	20 0	
	All other sorts, except seeds imported by any Public Society for gratuitous distribution which are free		Ad valorem	
51	SHELLS AND COWRIES—			

Duty to be levied only on salted fish imported into the Bombay Presidency except Sind and into such other parts of British India as the Governor General in Council may by notification in the Gazette of India from time to time direct.

TRAVANCORE IMPORT TARIFF --(Continued)

No.	NAMES OF ARTICLES	PER	TARIFF VALUATION	RATE OF DUTY
			Rs. A.	
	Chunks—			
	Large shells, for cameos	Hundred	10 0	
	White, live	"	6 0	
	" dead	"	3 0	
	Cowries—			
	From Mozambique and Zanzibar	"	3 0	
	From other places	"	0 8	
	Cowries—			
	Bazar common	Cwt	2 8	
	Maldivé	"	10 0	
	Sinkhl	"	15 0	
	Yellow, superior quality	"	5 0	
	Mother of pearl	"	30 0	
	Tortoise-shell	lb	6 0	
	" nakh	"	1 0	
	All other sorts, including nakhla		Ad valorem	
52	SILK AND ARTICLES MADE OF SILK—			
	Floss	lb	8 0	
	Pice goods		Ad valorem	5 per cent
	Raw silk—			
	Chabaram and Corbin			
	China	lb	4 0	
	Mathow	"	1 12	
	Other kinds of China	"	7 0	
	Panjam and Kachra	"	1 4	
	Persian	"	5 0	
	Siam	"	2 8	
	Sewing thread, China	"	8 0	
	All other sorts		Ad valorem	
53	SOAP		"	
54	SPICES—			
	Aniseed star	Cwt	35 0	
	Betelnuts—			
	Goa	"	12 0	
	In the husk	Thousand	2 0	
	White, Srivardhan	Cwt	18 0	
	All other sorts	"	5 0	
	Chilhs dried	"	8 0	

TRAVANCORE IMPORT TARIFF—(Concluded.)

No.	NAMES OF ARTICLES	PER	TARIFF VARIATION	RATE OF DUTY
	Cloves	Cwt.	Rs. A 40 0	
	" in seeds, Narlavang	"	16 0	
	Mace	lb.	1 2	
	Nutmegs	"	1 0	
	" in shell	"	0 8	
	Pepper, black and long	Cwt	25 0	
	" white	"	32 0	
	All other sorts		<i>Ad valorem</i>	
55	STATIONERY (EXCEPT PAPER, WHICH IS FREE)		"	5 per cent
56	SUGAR—			
	China, Candy	Cwt.	20 0	
	Loaf	"	28 0	
	Soft	"	18 8	
	All other sorts of saccha- rine produce		<i>Ad valorem</i>	
57	TEA—			
	Black	lb.	0 12	
	Green	"	1 4	
58	TOBACCO—			8 per cent.
	Snuff	(per bottle of 54 leaves)	2 2	
	Cigars	lb	8 8	
	Goodak	"	" 8	
	Unmanufactured	"	"	
59	TOILET REQUISITES, NOT OTHERWISE DESCRIBED		<i>Ad valorem</i>	As hitherto
60	TOYS AND REQUISITES FOR ALL GAMES		"	
61	UMBRELLAS—			5 per cent
	China paper kettisals	Box of 110	30 0	
	Cotton, steel ribbed	Each	0 18	
	" cane-ribbed	"	0 12	
	" oiled, other than	"	"	
	European	"	0 10	
	All other sorts		<i>Ad valorem</i>	
62	WOOLLEN GOODS—			
	Braid	"	"	
	Hosiery	"	"	
	Piece goods	"	"	
	All other sorts	"	"	

TRAVANCORE EXPORT TARIFF.

No	DESCRIPTION OF GOODS.	QUANTITY WEIGHT OR NUMBER.	VALUE		RATE OF DUTY
			Rs.	As	
1	ALL PRODUCE OF THE COCOA NUT TREE—				
	Copra	Cwt. 1	8	8	5 per cent
	Cocoanuts	No 1000	30	"	
	Do oil (see oils)	"	"	"	
	Coir	Cwt " 1	9	"	
	Cables tarred and untar red	Do. 1	10	"	
	Coir Fibre	Do 1	7	1	
	Cocoanut leaves	No 1000	7	1	
	Jaggry and Candy	Cwt. 1	8	8	
	Arrack	bottles 12	3	"	
	Cocoanut shells	No 1000	"	6	
	Toddy, Treacle, Plants, and husks		<i>Ad valorem</i>		
	Coir matting		<i>Ad valorem.</i>		
2	ALL PRODUCE OF THE ARECA NUT TREE—				
	Areca nuts without husk	Candy 1	125	"	
	Do do in husk	Do. 1	67	"	
3	ALL PRODUCE OF THE PALM TREE—				
	Jaggry and Candy	Cwt. 1	8	8	
	Arrack	bottles 12	3	"	
	Cadjans	No 1000	1	"	
	Toddy for distilling, sweet toddy, leaves, Fibre baskets, leaf baskets, and stalk Fibre		<i>Ad valorem</i>		
4	ALL KINDS OF GRAINS AND OIL SEED—				
	Paddy	Cwt. 1	2	"	5 per cent if exported to British India or Sir car Cochus If to other Countries 8 annas per Maund
	Rice	Do 1	8	4	
	Green Gram	Do 1	4	"	
	Black Gram	Do. 1	8	12	
	Country beans or Paroom payaroo	Do 1	8	"	
	Horse Gram	Do 1	2	4	
	Gingelly seed	Do 1	6	"	5 per cent
	Chamah, Thinnah, Raggy Varagoo and Varagary		<i>Ad valorem</i>		

TRAVANCORE EXPORT TARIFF --(Continued)

DESCRIPTION OF GOODS	QUANTITY WEIGHT OR NUMBER.	VALUE		RATE OF DUTY
		Rs	As	
Laurel nuts	Cwt. 1	7	"	
Castor seed	Do 1	4	8	
OILS—				
Gingelly	Do. 1	15	"	5 per cent
Cocconut	Do 1	15	"	
Laurel	Do 1	8	"	
Castor	Do 1	16	"	
Lemon grass	lbs 1	1	12	1 per cent
Margosa		Ad valorem		
GHEE—				
Ghee	Cwt. 1	36	"	
Lard (hogs)	Do 1	25	"	
Fat (beef)	Do 1	20	"	
Fish oil	Do 1	15	"	
HIDES—				
Country Buffalo Hides tanned	Score 1	80	"	
Cow Do	Do 1	60	"	
Goat skins	Do 1	16	"	
Sheep skins	Do 1	11	"	
Deer skins	Do 1	8	"	
Kid skins	Do 1	6	"	
Hides untanned—				
Country Buffalo	Do	40	"	5 per cent
Cow	Do	30	"	
Goat skins	Do	8	"	
Sheep skins	Do	5	8	
Deer skins	Do	4	"	
Kid skins	Do	3	"	
All other Hides or skins		Ad valorem		
HORNS—				
Horns Buffalo	Cwt 1	11	"	
Do. Cow	Do 1	6	"	
Horns Stag and Deer	Do 1	12	"	
Elephant tusks above 20, lbs weight	Do 1	450	"	
Do Do 10 lbs & not above 20 lbs weight	Do. 1	325	"	
Do under 10 lbs Do	Do 1	175	"	
Do Grinders	Do 1	125	"	
Bison Horns		Ad valorem		

TRAVANCORE EXPORT TARIFF—(Continued)

No	DESCRIPTION OF GOODS	QUANTITY WEIGHT OR NUMBER.	VALUE		RATE OF DUTY
			Rs	As	
9	GINGER GREEN AND DRY—				
	Ginger unscraped Mala-	Cwt. 1	10	"	
	bar	Do 1	15	"	
	Dry Ginger	Do 1	3	8	
	Galingal	Do 1	8	"	
10	SALT FISH	Do 1	3	"	
11	TAMARINDS	Do 1	2	8	
12	SUGAR CANE AND ALL ITS PRO-				
	DUCE—				
	Sugar cane	No 1000	15	"	
	Molasses	Cwt 1	6	"	
	Sugar hard	Do 1	23	"	
	Do soft	Do 1	12	"	
	Treacle or Juice		<i>Ad valorem</i>		
13	ARROW ROOT AND ITS PRO-				
	DUCE—				5 per cent
	Flour	Do	20	"	
	Root	Do	2	"	
14	TURMERIC OF EVERY KIND—				
	Termeric	Do 1	7	"	
	Pinjel	Do 1	3	4	
	Maramunjel and Mun-				
	chanay		<i>Ad valorem</i>		
15	KUTCHOLUM	Do. 1	10	"	
16	JUTE FIBRE ROPE &c	lbs. 300	10	"	
17	FISHING NETS &c		<i>Ad valorem</i>		
18	PEPPER	1 Candy	"	"	5 Rupees
19	SEA SHELLS, LIME, AND BETEL				
	CHUNAM	Cwt. 1	"	8	5 per cent.
20	INDIGO—				
	Leaves green and Dry	Ton	"	"	3 Rupees
	Manufactured	nd. as Mand.	"	"	
21	SALT PIRE		Nern ck		3 per cent
22	LAC—				
	Button	Cwt. 1	65	"	5 per cent
	Seed	Do 1	45	"	
	Shell	Do 1	80	"	

TRAVANCORE EXPORT TARIFF—(Concluded)

No	DESCRIPTION OF GOODS	QUANTITY WEIGHT OR NUMBER.	VALUE.		RATE OF DUTY
			Rs	As	
	Stack Other sorts except lac dye which is free	Cwt. 1	85	"	5 per cent.
			<i>Ad valorem</i>		
23	OPIMUM PER CHEST OF 2 INDIAN MAUNDS				500 Rupees.
24	TIMBER—				
	Teak, Black wood, and Thavatharam }	Candy	12	"	
	Cole Teak	Do	5	"	
	Angelly, Jack, Tham pavoo, Karingalee }	Do	6	"	
	Jungle wood of all des- criptions not above named }	Do	4	"	
	Teak, Black wood and Thavatharam planks	per 100 Thos- vadala	100	"	
	Angelly, Jack Tham pavoo and Karingalee planks }	Do	75	"	
	All other kinds of planks.	Do	40	"	
	Knees and ribs used in ship building	per corgo	40	"	
	Do Do for small vessels	Do	20	"	10 per cent
	Do Do Do for boats	Do	10	"	
	Arecatrees	per 100	15	"	
	Bamboos	Do	10	"	
	Cocconut and Palmyra rafters	per 100 coles.	5	"	
	Oilmills	each	3	"	
	Boats made of Angelly	per parah	"	4	
	Do all other kinds of timber	per parah	"	3	
	Masts Poonay guth ranging from 12 to 18 Virals }		125	"	
	Do Do below 12 Viral		80	"	
	Logs intended to be used for Catamarans Vamboo }	each	10	"	
	All other kinds	Do	2	"	
	Yanathones	per parah	2	"	
	Codapanay	each	2	"	
	Water wheels		<i>Ad valorem</i>		
25	PLUMBAGO—	Cwt. 1	1	8	5 per cent.

RULES REGARDING HIRE OF MARACAN AND ROWERS.

WHEREAS the rates at which Rowers and Maracan are now paid are found to require revision, they are revised as follows, and the following rates will be in force hereafter

	As P
Every Rower of loaded Cabin Boat, for every mile	6 Cash = 0 2
Do. do of empty do for do	3 Cash = 0 1
Maracan of empty or loaded Boat per day	2½ Fan. = 5 7
If Rowers and Maracan are de manded, each is to } be paid Batta at the rate every day of }	1 Fan = 2 2

The persons for whom Rowers &c are posted, are required to pay the charges punctually and readily The Rowers, &c must be paid before they are expected to move the boat

(Signed) T MADAVA ROW,

DEWAN

According

**According to the foregoing Rules, the rates of hire
will be as follow**

	Distance Miles	Hire of a Bower for going with loaded Cabin Boat.		Do for going & coming with loaded Cabin Boat		Do for going with loaded & coming with empty Cabin Boat		Do for going with load ed & returning with empty Boat.	
		Single hire		Double hire		One & a ½ hire		One & a ½ hire	
		Chs	Cs.	Chs.	Cs.	Chs	Cs.	Chs	Cs.
From TREVANDRUM to									
Anjengo	19	7	2	14	4	10	11	8	14
Colitotum	22	8	4	16	8	12	6	10	5
Shernee Kadavoo	24	9	„	18	„	13	8	11	4
From Colitotum to Edava via the Varkalay Hills 6 Miles									
Sherneccadavoo across the Hill to Nadayara 4 Do									
From NADAYARA to									
Quilon	12	4	8	9	„	6	12	5	10
„ QUILON to									
Chowray	7	2	10	5	4	3	15	3	4
Ponmanay	9	3	6	6	12	5	1	4	3
Karunagapully	15	5	10	11	4	8	7	7	„
Kavencolum	22	8	4	18	8	12	6	10	5
Areepaud	30	11	4	22	8	16	14	14	1
Mavelikaray	27	9	6	18	12	14	1	11	11
Thirconapalay	28	10	8	21	„	16	12	13	2
Karamady	37	13	14	27	12	20	13	17	5
Ambalapalay	38	14	4	28	8	21	6	17	13
Alleppey	49	18	8	36	12	27	9	22	15
Areeaud	53	19	14	39	12	29	13	21	13
Cottayam	64	24	„	48	„	36	„	30	„
Sheratallay	66	24	12	49	8	37	2	30	15
Vycome	74	27	12	55	8	41	10	34	11
Aroocooty	80	30	„	60	„	45	„	37	8
Cochin	88	33	„	66	„	49	8	41	4
Alwaye	108	40	8	81	„	60	12	50	10
Paroor	108	40	8	81	„	60	12	50	10
Carupudana	130	48	12	97	8	73	2	60	15
Pathanapuram	33	12	6	24	12	18	9	15	7
From ALLEPPEY to									
Cottayam	15	5	10	11	4	8	7	7	„
„ Do to									
Chunganachery	12	4	8	9	„	6	12	5	10
From Chunganachery to									
Sharetalay	26	9	„	18	„	13	8	11	4
„ Cottayam to Cochin	31	11	10	23	4	17	7	14	8
„ Mavelikaray to Alleppey	22	8	4	16	8	12	6	10	5

RULES REGARDING HIRE OF PALANKEEN BEARERS, CARTS AND COOLIES.

1.—The hire for Bearers carrying a loaded Palankeen shall be one chuckrum each man per mile, or 4 chuckrums each man for a cauthom (Indian league of 4 miles,) at which rate the hire for a set consisting of 12 Bearers, 1 Mussajee and 1 Cavad, Cooly shall be 2 rupees for each cauthom

2.—Bearers carrying an empty Palankeen shall receive 2 chuckrums and 6 cash each man, or 1 rupee and 5 chuckrums and 4 cash the set for a cauthom

3.—The hire for Bearers travelling to their post shall be 8 cash each man per cauthom, or for a set consisting of 12 Bearers, 1 Mussajee and 1 Cavad Cooly, 7 chuckrums per cauthom

4.—If Bearers are detained on the road, they are to receive 3 chuckrums and 3 cash for the first day, and 4½ chuckrums for each succeeding day per man

5.—A set of Bearers posted, but not made use of shall be paid 7 chuckrums for every mile, or one rupee for every cauthom they have to travel back to their homes, exclusive of all other charges to which they may be entitled, as before explained

6.—The hire for a Cart (including driver and bullocks) shall be 3 chuckrums per mile or 12 chuckrums for a cauthom

7.—The hire for a Baggage Cooly shall be 8 cash per mile, or 2 chuckrums for a cauthom

8.—All applications for bearers, coolies, carts and boats for parties travelling from Trevandrum to Quilon are to be made (with specification of route) to the Peishcar in charge of the Trevandrum Division who will supply bearers, coolies, carts, and baggage boats at Trevandrum, and make the necessary arrangements with the Tahsildar of Sherangheel for bearers, carts baggage boats and coolies and with the Superintendent of Police at Quilon for cabin and baggage boats, rowers, bearers and coolies

9.—All applications from travellers from Quilon to Trevandrum are to be made to, and will be attended to by, the Superintendent of Police at Quilon, in a similar mode

10.—Applications for cabin and baggage boats rowers, and coolies, &c from Alleppey are to be made to the Commercial Agent and Superintendent of Police at that Station

11.—Applications from parties travelling from and to other places in Travancore to be made to the respective Peishcars in charge of Divisions (See page 171)

12.—No application for bearers, &c will be attended to unless accompanied by a written assurance that all charges incurred on account of the dak land will be paid on demand.

13.—A Memo of the charges will be furnished to the traveller either from the Dewan Peishcar's Office or by the Police Officer who supplies the bearers, &c

N B.—As bearers, &c are not readily procurable at all stations it would be desirable to give early notice with a view to prevent disappointment

BULLOCK TRANSIT ACROSS THE WURKULLAY BARRIER.

Applications should be made to the Nadayara Amseanadar

The following is the Scale of Charges —

For each trip from one end to the other, Travellers }	R. A. P
not exceeding 3 in number	1 0 0
Do do do Travellers being }	1 8 0
4 in number	

Not more than 4 are allowed to use the Coach, at a time.

The Amseanadar of Nadayara will let the Coach, provided it has not been pre-engaged.

NOTICE.

The public are informed that there is a Covered Cart Transit established running every alternate day between Trevandrum and Palamcottah. The Office of the Transit Company is in the Shalloy Bazaar.

The following are the rates charged —

	Rs	A	P
For one Traveller per mile by ordinary transit,	25	8	
one <i>Special</i> Cart with Bullocks	25	2	
„ one „ pair of Bullocks only	20		
„ Goods weighing 100 Tolas and under	2		
„ Do do 1,000 do do	2		
„ Do do 20,000 do do	1		

RULES REGARDING GRANT OF LAND FOR CULTIVATION OF COFFEE.

MEMORANDUM

1st A tax of three-fourths of a Queen's Rupee will be payable to the Sircar annually on every acre of land granted excepting such area within the limits of the grant as may be unfit for cultivation and shall have been so designated in the grant. The Sircar tax shall remain unaltered till the year 1067 M E, after which time the Sircar will have power to make any modifications which circumstances may render desirable, but it is stipulated that no increase of the assessment of these lands will be made except in concurrence with and in proportion to a revision of the assessment of the Kingdom generally.

2nd The Grantee can appropriate to his own use within the limits of the grant all timber, except the following

Teak,
Cole Teak,
Blackwood,

Ebony,
Caroonthally,
Sandal-wood

Should he carry any timber without the limits of his grant, it will be subject to the payment of Kooticanum or Customs Duty or both as the case may be, in the same way as timber ordinarily felled. In the case of the excepted timber, the grantee is required to pay seigniorage, according to the undermentioned Scale

Teak	Rs 10 per Candy
Cole Teak	" 4 do
Blackwood	" 10 do
Ebony	" 5 do
Caroonthally	" 8 do
Sandal-wood	" 20 do

The grantee is bound to deliver to the Sircar all Ivory, Cardamoms, and other Royalties produced in the land, and all captured Elephants, and he will be paid the regulated price for the articles of produce and the regulated reward for the Elephants

3rd All established rights of way shall be respected by the purchaser or holder of the land, and such ways shall be at least 21 feet wide. It is to be considered that there is a natural right of way through the land when such is necessary, in order to render the neighbouring land available, but should a road be made where none before existed, the grantee shall receive compensation for any improvements thereby destroyed

4th No exclusive rights of water beyond what is necessary for the use of the plantation shall be considered to be conveyed by the grant

5th Should the Sircar have occasion to take up any such portion of the land in question as may be improved by the purchaser for the purpose of constructing roads, channels, or other public works, compensation shall be paid at a fair valuation

6th While the Sircar will enforce the regular payment of tax due to it on the grant at the period specified in the Deed of Grant, it shall not in the case of lands paying the assessment from the first lay down conditions obliging the grantee to cultivate or clear any specific portion of the grant within a specified time. But should the applicant so desire, land for planting Coffee will be granted free of assessment for 5 years, on condition that quarter of the land shall be cleared and planted within the first 3 years, failing which the whole assessment shall be levied in the fourth year

7th The grantees shall always use their best exertions to prevent the produce of their estates being exported except on payment of the regulated duty at the Custom Houses, and to prevent smugglers of articles of Sircar Monopoly and criminals in general obtaining any kind of protection on the estates

8th The lands applied for shall be granted in perpetuity as heritable or transferable property, but every case of transfer shall be made known to the Sircar, who shall have the right of apportioning the tax if a portion of the holding is transferred

9th The discovery of useful mines and treasures within the limits, of the grants shall be communicated to the Sircar, and grantees shall in respect to such mines and treasures abide by the decision of the Sircar

10th The produce of lands held under these rules will be liable to duty on export in common with other produce exported from the Kingdom, but no special duty will be imposed on such produce The present export duty on Coffee is five per cent on the Tariff valuation, being 6½ Chuckrams per maund of 25 lbs English

11th The Cultivation of the lands shall not interfere in any way with the production of Cardamoms, whether the culture of that spice be conducted on the part of the Sircar or by private individuals, and no lands will be granted which the Sircar has special reasons to reserve

T MADAVA ROW,
TREVANDRUM, 8th March 1862 DEWAN

**NOTIFICATION REGARDING PROPOSED AUCTION SALE OF
LAND FOR CULTIVATION OF COFFEE.**

WHEREAS it has been found that in consequence of several parties applying for the same tracts of waste land, inconveniences are incident to the existing system of granting land, it has been resolved by the Government of Travancore that, from the 16th December, 1864, [3rd Margaly, 1010] waste lands suited for the cultivation of Coffee shall, until further notice, be sold by public Auction to the highest bidder, under rules which will be shortly published, at an upset price of one British Rupee per acre, but in all other respects under the same conditions as those described in the Memo dated 8th March 1862

HUZZOOR CUTCHERRY,
TREVANDRUM, 15th Dec, 1864 } T MADAVA ROW,
DEWAN,

REGULATION II OF $\frac{1040}{1864-65}$

A Regulation to provide for the Adjudication of Claims to Waste Lands passed by His Highness the Maharajah of Travancore on 24th April 1865

WHEREAS it is expedient to make special provisions for the speedy adjudication of claims which may be preferred to waste lands proposed to be sold or otherwise dealt with on account of the Sucar, and of objections taken to the sale or other disposition of such lands it is enacted as follows —

1 When any claim shall be preferred to any waste land proposed to be sold or otherwise dealt with on account of the Sucar or when any objections shall be taken to the sale or other disposition of such land the Dewan shall, if the claim or objection be preferred within the period mentioned in the advertisement to be issued for the sale or other disposition of such land, which period shall not be less than three months proceed to make an enquiry into the claim or objection

2 The Dewan shall call upon the claimant or objector to produce any evidence or documents upon which he may rely in proof of his claim or objection and after considering the same and making any further enquiry that may appear proper, shall dispose of the case by an order for the admission or rejection of the claim or objection, and if the land is proposed to be sold for the sale of the same, subject to any condition or reservation which to the Dewan shall appear to be proper. If the land is ordered to be sold subject to any condition or reservation such condition or reservation shall be notified to intending purchasers at the time of sale

3 Pending an enquiry into any claim or objection under the last preceding Section, the Dewan shall postpone the sale or other disposition of the land, and if he shall order that such claim or objection be rejected, he shall further postpone the sale or other disposition of the land to allow the claimant or objector to contest the order of rejection in the manner hereinafter provided

4 If the Dewan shall consider the claim or objection to be established and that the sale or other disposition of the land should not take place, he shall stop the sale or other disposition of the land

5 If the Dewan shall order that the claim or objection be rejected, or that the land be sold subject to any condition

or reservation, or that it be otherwise dealt with he shall cause a copy of such order to be delivered to the claimant or objector, and if such claimant or objector shall not, within one week from the delivery of such copy or within such further time as the Dewan, for any special reason to be recorded, shall see fit to grant, give notice in writing to the Dewan, that he intends to contest such order, the order shall be final. If the claimant or objector shall, within the time allowed, give such notice, he shall either be ordered to institute a suit in the ordinary Civil Courts to establish his claim or objection within thirty days from the giving of such order or be directed within a fixed date to appear before any special commission that may be constituted and authorized by His Highness the Rajah for the trial of such cases, failing which, the order of rejection of the Dewan shall be final. Any commission constituted, as aforesaid, shall have the powers of a Civil Court in conducting the examination into the cases it is authorized to try, and their decision shall not be set aside or altered by any procedure of the Civil Courts.

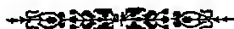
6 No claim to any land or to compensation or damages in respect of any land sold or otherwise dealt with, on account of the Sircar as waste land shall be received after the expiration of one year from the date on which such land shall have been delivered by the Sircar to the purchaser or otherwise dealt with. If within one year after any lands have been delivered by the Sircar to the purchaser or otherwise dealt with any claimant or objector shall prefer a claim to the land so delivered or otherwise dealt with or an objection to such sale or to compensation or damages in respect thereof in the Civil Court and shall show good and sufficient reason for not having preferred his claim or objection to the Dewan within the period limited under Section 1 of this Regulation, such Court shall file the claim or objection, and dispose of it in the same way as suits of other kinds. The report of the officer employed to give delivery or to take possession on the part of the Sircar of the land sold or otherwise dealt with shall be conclusive evidence as to the date on which such delivery was made or possession was taken.

7 In any case in which the land has been sold, if the Court shall be of opinion that the claim of the claimant is established, the Court shall not award the claimant possession of the land in dispute, but shall order him to receive from the Sircar Treasury by way of compensation a sum equal to the price at which the land was sold in addition to the costs of suit.

8 An award under the provisions of the last proceeding Section shall be in full satisfaction of the claim of the claimant or objector and shall bar any future claim on his part in respect to the land in suit resting on the same cause of action or on a cause of action which existed prior to the date of the sale or other disposition of the land on account of the Sircar

9 Nothing in this Regulation shall be held to prevent the Sircar from awarding to any claimant of waste land sold on account of the Sircar on proof to the satisfaction of the Sircar of the claim of such claimant (notwithstanding that he may not have preferred his claim either to the Dewan or to the Court within the period prescribed by this regulation) such amount of compensation for the said land within the limit as to amount mentioned in Section VII of this Regulation, if the land have been sold not subject to any condition or reservation as to the Sircar may seem proper

SIGN MANUAL



RULES FOR THE SALE OF WASTE LAND ON THE TRAVANCORE HILLS

1 Waste lands in which no rights of private proprietorship, or exclusive occupancy exist and which may not be reserved, as hereinafter provided, may, until future notice, be sold under the following Rules —

2 Applications for lands shall be addressed to the Dewan of Travancore directly in the case of natives, and through the British Resident, in the case of Europeans, and shall comprise the following particulars

(a) The estimated area of the lot applied for

(b) The situation of the lot and its boundaries, as accurately as can be stated

3 No lot shall exceed five hundred acres. But any person may apply for several contiguous lots, each not exceeding the above limits

4 Every lot shall be compact, and shall include no more than one tract of land capable of being surrounded by a ring fence and when the lot touches a public road, navigable river, canal, or backwater, the length of the road or water forage shall not exceed one-half of the depth of the lot.

5 No lot shall be sold until the area has been estimated by the Sircar authorities. Before a title deed is granted, the lot shall be surveyed.

6 If on receipt of an application under Rule 2 the Dewan has reason to believe, that the lot applied for is saleable under these Rules, he shall call upon the applicant to give such security not exceeding the estimated cost of the demarcation and survey, by deposit of cash, or otherwise, as may be deemed necessary and sufficient to provide for the contingency referred to in Rule 2, unless the land has been already surveyed and demarcated. A deposit paid as above required will be refunded at the sale under Rule 13.

7 If the applicant fails to furnish security under Rule 6, within (6) six weeks from the date of demand, his application shall be null and void.

8. On receipt of the security required under Rule 6, the Dewan shall, as soon as possible, cause the area of the land applied for to be estimated by the Sircar authorities. He shall then advertise the lot for sale on a given day to be fixed so as to admit of the notice required in Rule 9 being given.

9 The advertisement shall be in English and in Malayalam, and shall specify the locality, extent, and boundaries of the lot, the annual assessment and the place, time and conditions of sale. It shall be posted for three months at least on the land itself as well as in the neighbouring villages, in the offices of the Dewan, the Dewan Peushcar and the Tahsildar of the Talook, and in the nearest Police Office. The Dewan shall, at his discretion, fix the time and place of sale and may alter both if necessary, provided that not less than 14 days' notice be publicly given of every such alteration, and that no land be sold until it has been advertised, as aforesaid, for three full months at least. A notification of the intended sale shall also be inserted in the *Travancore Gazette*.

10 The Dewan shall send a written notice of the place, and time of sale, as also any alteration under the provisions of Rule 9, to the applicant but no sale shall be disturbed in consequence of the non receipt of such notice or delayed in consequence of the non appearance of the applicant.

11 An applicant withdrawing his application prior to the sale of the lot, will be entitled to the refund of so much only of his deposit, where deposit has been paid by him under Rule 6, as may not have been expended. Where no deposit has been paid, he will still be liable to make good any expense which the Sircar may have incurred, in consequence of his application and its withdrawal.

12 On the withdrawal of an application it shall be discretionary with the Dewan to proceed with the sale of the lot or not as he considers best for the public interest.

13 The upset price shall in all cases be one Rupee an acre to include all survey expenses. If the original applicant (who

may have paid the deposit) be the purchaser, he shall receive credit for his deposit in payment, otherwise the amount of deposit shall be paid to him from the sale proceeds

14 If before the time of sale no claim of private proprietorship or of exclusive occupancy or of any other right incompatible with the sale of the lot under these Rules be preferred, the lot shall be advertised and be put up to Auction and sold to the highest bidder above the upset price subject to an annual assessment of three-fourths of a Queen's Rupee on every acre of land granted, the assessment being payable, either from the first year after the date of completion of sale, where the grantee does not bind himself to cultivate or clear any specific portion of the grant within a specified time, or from the sixth year after the date where the grantee binds himself to clear and plant a quarter of the land within the first three years, failing which, the whole of the assessment shall be levied in the fourth year, or in other words, the assessment will be levied from the date of completion of sale in arrears

15 The successful bidder shall immediately on the sale being declared, pay down 10 per cent. of the price and the residue of the purchase money shall be paid in full within 30 days

16. The sale shall be conducted under, and subject to the following conditions

(1) The highest bidder above the upset price shall be the purchaser of the lot and if any dispute arise between two or more bidders at the same price, the lot shall be immediately put up again at the last preceding undisputed bidding and re-sold

(2) If the purchaser shall pay to the Sircar the residue of his purchase money, he shall thereupon be placed in possession of the lot, pending survey

(3) All persons desirous of becoming purchasers are to satisfy themselves as to the identity, correct description, the estimated area, &c., of the lot, previous to the sale as by having the lot knocked down to him, the purchaser thereof shall be held to have waived all objections to the lot embracing any tract unfit for cultivation, to any mistakes that may afterwards appear to have been made in the description of the lot, as well as to any other error whatever in the particulars of the property

(4) If the purchase shall not be completed by the 30th day from the day of sale, the purchaser shall pay to the Sircar interest at the rate of 12 per cent, per annum on the remainder of his purchase money, from the day of sale until the purchase shall be completed, without prejudice nevertheless to the right of sale reserved by the 5th condition, if the purchase money be not paid within one year

(5.) If the purchaser shall neglect or refuse to comply with the above conditions or any of them, his deposit money shall be forfeited and retained by the Sircar, and the Sircar shall be at liberty to re-sell the lot either by public Auction or private contract, without the necessity of previously tendering a conveyance to the purchaser, and the deficiency, if any, arising from such re-sale together with all expenses attending it, shall be made good by the purchaser at the present sale, who shall so neglect or refuse, as and for liquidated damages.

17 Claims of private proprietorship or of exclusive occupancy, or of any right affecting the sale of the land under the Rules, shall be disposed of under the provisions of Regulation II of the year 1040

18. Reserves of grazing and forest land, of land for the growth of firewood, for building sites, for the growth of timber, &c., or required for other special purpose, are not to be sold under these Rules without the express sanction of His Highness the Maha Rajah

19 As soon as the actual area of the lot purchased has been ascertained by survey, a grant shall be made to the purchaser (provided he shall have paid his purchase money in full) in the form hereto annexed and marked A. Should the actual area as ascertained by survey be more than one-tenth less than the area as estimated before the sale, the purchaser shall be refunded a proportionate part of his purchase money in respect of such deficiency beyond one tenth. Should the actual area be more than one-tenth in excess of the area as estimated, such excess beyond one-tenth shall revert to the Sircar, and the purchaser shall forthwith yield up possession thereof

20 Arrears of annual assessment on the lands sold shall be recoverable in the same manner as arrears of ordinary land revenue

21 Lands sold under these Rules shall continue subject to all general taxes and local rates payable by Law or Custom.

22 Lands sold under these Rules shall be held in perpetuity as heritable or transferable property, but every case of transfer shall be made known to the Sircar, who shall have the right of apportioning the tax, if a portion of the holding is transferred

23 The existing and customary rights of the Sircar, of other proprietors and of the public, in existing roads and paths and in streams running through or bounding lands sold under these Rules, are reserved, and in no way affected by the sale of such lands.

24 Nothing contained in these Rules shall be held to debar the Sircar from granting waste land on Puttah, Cowle, or other wise at discretion as heretofore.

SIGN MANUAL

FORM A

Know all Men by these Presents, that
Dewan of Travancore, in behalf of the Travancore Sircar,
has hereby this day, being the day of _____ in the
Year One thousand Eight Hundrea and _____ granted
under the Rules for the Sale of Waste Land passed by His
Highness the Maha Rajah, under date _____ to A
B of _____ his Heirs, Executors, Administrators
and assigns for Coffee cultivation in consideration of the purchase money or sum of Rs _____ duly paid by the
said A B, the tract of land measuring _____ British
Statute Acres, situated on _____ Hills, in the District
of _____ bounded as mentioned in the Schedule here
under writton and delineated in the Map of survey hereto
annexed, to be holden by the grantee, subject to the following conditions —

1 A tax of three fourths of a Queen's Rupee will be payable to the Sircar annually on every acre of land sold. The tax shall remain unaltered till the year 1067 M E, after which
1890 91 A. D

time, the Sircar will have the power to make any modification which circumstances may render desirable, but it is stipulated that no increase of the assessment of these lands will be made except in concurrence with and in proportion to a general revision of the assessment of the lands of the Travancore State. If, however, the export duty is eventually given up, the assessment on Coffee lands will be raised in due proportion.

2 The aforesaid annual tax is payable in one sum to the Tahsildar of the District of _____ on or before the 30th day of June of each year without formal demand from the Tahsildar.

3 Arrears of assessment or tax shall be treated in the same manner as arrears of ordinary land revenue, and be subject to the same mode of realization.

4 The grantee shall maintain permanent boundary marks around his grant, and keep them in good repair, on failure of which, after due notice, it shall be competent to the Sircar to cause such marks, as it may deem necessary to be put up, and to levy the cost of the same with all expenses attendant thereon in the manner prescribed in the foregoing Section.

5 The grantee can appropriate to his own use within the limits of the grant all timber, except the following, and such as may hereafter be reserved

Teak,
Cole Teak,
Blackwood,

Ebony,
Caroonthaly,
Sandalwood

Should he carry any timber without the limits of his grant, it will be subject to the payment of Kootukunom or Customs Duty, or both, as the case may be, in the same way as timber ordinarily felled. In the case of the excepted timber, the grantee is required to pay seigniorage according to the under-mentioned Scale

Teak	Rs 10 per Candy	Ebony	Rs 5 per Candy
Cole Teak	4 " "	Caroonthaly	8 " "
Blackwood	10 " "	Sandalwood	25 " "

The grantee is bound to deliver to the Sircar all Ivory, Car damoms, and other Royalties produced in the land, and all captured Elephants, and he will be paid the regulated price for the articles of produce, and the regulated reward for the Elephants

6 All established rights of way shall be respected by the grantee, and such ways shall be at least 21 feet wide. It is to be considered that there is a natural right of way through the land when such is necessary in order to render the neighbouring land available

7 No exclusive right of water beyond what is necessary for the use of the plantation shall be considered to be conveyed by the grant

8 Should the Sircar have occasion to take up any portion of the land sold for the purpose of constructing roads, channels, or other public works, due compensation shall be paid

9 As the assessment is payable from the date of completion of sale, the Sircar does not lay down conditions obliging the grantee to cultivate or clear any specific portion of the grant within a specified time or the land will be free of assessment for five years on condition that a quarter of this land shall be cleared and planted within the first three years, failing which, the whole of the assessment shall be levied in the fourth year, or, in other words, the assessment will be levied from the date of completion of sale in arrears

10 The grantee shall, as a most important condition of the grant, always use his best exertions to prevent the produce of his grant being exported, except on payment of the regulated duty at the Custom Houses, and to prevent smuggling of articles of Sircar monopoly, and Criminals in general obtaining any kind of protection on the Estates

11 Every case of transfer of the grant by the grantee shall be immediately made known to the Sircar, who shall have the right of apportioning the tax, if a portion of the holding is transferred

12 The discovery of useful mines and treasures within the limits of the grant shall be communicated to the Sircar, and the grantee shall in respect to such mines and treasures, abide by the decision of the Sircar

13 The produce of lands held under the grant will be liable to duty on export in common with other produce exported from the kingdom, but no special duty will be imposed on such produce

14 The cultivation of the lands shall not interfere in any way with the production of Cardamoms, whether the culture of that spice be conducted on the part of the Sircar, or by private individuals

15 The liability of the lands herein specified to municipal, general or local taxes, is not affected by this grant

The Schedule to which the above Deed refers

No of grant	Talook Proverty and Village	Name (if any) & Boundaries	Area in acres

FORM OF ADVERTISEMENT

Notice No

Sale of waste land

1 Notice is hereby given that the lands hereunder specified, will be put up to Auction at (under the Rules for the sale of Waste Lands, dated) and sold subject to annual payment of the assessment specified below, to the highest bidder, above the upset price of one Rupee per acre, at o'clock, on the day of 18

2 All parties having claims on the said lands, incompatible with the sale as herein notified are hereby required to prefer their claims on or before the day aforesaid to the undersigned

Schedule of Lands to be Sold

Talook	Proverty	Village	No of Lot	Names (if any) & boundaries	Extent	Upset price	Annual assessment

The sale will be subject to the following conditions

1 The highest bidder above the upset price shall be the purchaser of the lot, and if any dispute arise between two or more bidders at the same price, the lot shall be immediately put up again at the last preceding undisputed bidding and re sold

2 If the purchaser shall pay to the Sircar the residue of his purchase money, he shall thereupon be placed in possession of the lot, pending survey

3 All persons desirous of becoming purchasers are to satisfy themselves as to the identity, correct description, the estimated area, &c, of the lot, previous to the sale as by having the lot knocked down to him, the purchaser thereof shall be held to have waived all objections to the lot embracing any tract unfit for cultivation, to any mistakes that may afterwards appear to have been made in the description of the lot, as well as to any other error whatever in the particulars of the property

4 If the purchase shall not be completed by the 30th day from the day of sale, the purchaser shall pay to the Sircar interest at the rate of 12 per cent per annum on the remainder of his purchase money, from the day of sale until the purchase shall be completed, without prejudice nevertheless to the right of sale reserved by the 5th condition, if the purchase money be not paid within one year

5 If the purchaser shall neglect or refuse to comply with the above conditions or any of them, his deposit money shall be forfeited and retained by the Sircar, and the Sircar shall be at liberty to re-sell the lot either by public Auction

or private contract, without the necessity of previously tendering a conveyance to the purchaser, and the deficiency, if any, arising from such re sale together with all the expenses attending it, shall be made good by the purchaser at the present sale who shall so neglect or refuse, as and for liquidated damages

NOTICE

It is hereby notified that from and after this date, the Sircar will not entertain any application for Forest land on the Ashamboos range of Hills, the drainage of which flows into the Paralavar, which is the Eastern tributary of the Coolthoray river

T MADAVA ROW,
DEWAN

Huzzoor Cutcherry, }
Trevandrum, Dec, 1869 }

NOTICE

It is hereby notified for public information that the Government of His Highness the Misha Rajah has resolved as a general rule, to refrain from granting for Coffee or other cultivation, forest land, the drainage of which flows into the British territories of Tinnevely and Madurai

Applications for such lands will not therefore be entertained and any person who fells forest so situated will be liable to criminal prosecution

It is to be understood also that if a grant is obtained from His Highness' Government on a representation from the applicant that the tract applied for is not of the kind reserved by this notification and it be afterwards found that the representation was not correct the grant will be regarded null and void and the grantee will be held responsible for the consequence of the misrepresentation

T MADAVA ROW,
DEWAN

Huzzoor Cutcherry, }
Trevandrum }
14th July, 1871 }

PROCLAMATION

By

*His Highness Sree Patmanabha Dausa Vunchee Baula Rama
Varmah Koolasekharu Kircetapati Munnay Sultan Maha-
raj Rajah Ramarajah Bahadur Shamsheer Jung, Knight
Grand Commander of the Most Exalted Order of the Star
of India Maha Rajah of Travancore, issued under date the
28th day of Madom 1050 corresponding with the 9th
day of May 1875*

Whereas We desire to give every encouragement to the Cultivation of Coffee in Our territories, and it has been represented to Us that in consequence of the duty with which the coffee exported from Travancore is charged, it is unable to compete in the market on equal terms with the produce of other places, We are hereby pleased to abolish from the ^{1st July 1875} ~~1st July 1875~~ the duty of 5 per cent. hitherto levied on the export of this staple, reserving to Ourselves the right to re-adjust the land tax on Coffee Estates with reference to the relief thus afforded.

SIGN MANUAL

NOTIFICATION.

Under sanction of His Highness the Maha Rajah, it is hereby notified in modification of para 13 of the rules for the sale of Waste Lands on the Travancore Hills, dated the 24th April 1865, that from and after this date the upset price on every lot put up for sale will be British Rupees (10) ten per acre

N NANOO PILLAY,
Dewan Peishcar In charge

HUZZOOR Cutcherry, }
Trevandrum, }
2nd June 1874 }

No. 4873
R. 1811

HUZZOOR CUTCHEERY,
Trevandrum, 15th November 1874.

NOTICE.

1 It is hereby notified that pending the survey of lands already sold and a thorough exploration of the forests with a view to mark off tracts desired to be reserved, there will be no sale of lands for the cultivation of Coffee during the year 1875

2 A Notice of Forests so reserved will be published in the Gazette as early as may be found practicable

A. SASHIAH SASTRI,
DEWAN

RULES.

Regarding the assumption of lands for public purposes passed under sanction of His Highness the Maharajah

Whenever it appears to the Sircar that any land is required to be taken at the public expense for a public purpose, a declaration shall be made to that effect under the signature of the Dewan, such declaration including as accurate a description, as possible, of the land required to be so taken.

2 This declaration, together with a notice calling on all persons interested in the said land to appear at a time and place therein named and to prefer their claim to compensation, shall be duly published, copies being affixed to conspicuous places on or in the vicinity of the land intended to be taken up. The time allowed for interested persons to claim compensation shall not be less than 15 days after the date of publication of Notice

3 At the time and place named in the said notice, the Tassildar of the district or any other officer specially appointed for the purpose, shall summarily ascertain the amount of compensation due in conjunction with a number of assessors not exceeding 6. The Judgement of such officer shall be open to an appeal to the Dewan, but not to any Civil Court

4 When the Tassildar or other specially appointed officer has ascertained the amount of compensation to the best of his Judgement, he shall make a memorandum of the same, and date and attest it publicly. He may thereupon take immediate possession of the land which shall thenceforth be the absolute and exclusive property of the Sircar

5 As soon as possible after taking possession of the land the compensation shall be paid by the Sircar. If such compensation be not paid within two months after taking possession of the land and the delay is not attributable to the payee, the Sircar shall allow interest on the amount due at the rate of 5 per cent per annum, such interest being calculated from the date of taking possession

6 After the declaration in Rule 2 is published, the Engineer, Tassildar, or other officer under his orders, may authorize any person, with his servants and workmen to enter upon the land for the purpose of making a survey thereof, and in the case of a road, canal, or tram-way, to set out the intended line thereof, and to mark such line by cutting a trench or placing land-marks, and where otherwise the survey cannot be completed and the line marked, to cut down and clear away any part of any jungle or tops of trees in the direction of the

intended line, provided that no person shall enter into any house or building or upon the curtilage of any house or any enclosed garden, unless with the written consent of the occupier thereof, without previously giving the said occupier twenty-four hours' written notice of intention to do so

7. These rules shall extend to authorize the temporary occupation of any land, for taking earth or other materials therefrom, for making or repairing roads, canals, &c. or for depositing thereon superfluous earth or other materials or erecting temporary buildings or workshops thereon or for such other purposes.

8. For the temporary occupation of such land, and for any permanent damage done by such occupation and use of the land, compensation shall be made to and among all persons having an interest therein

9. The word "land" in these rules shall extend to tenements and hereditaments of any tenure, and all houses, buildings, trees, appurtenances thereupon as well as land

T MADAVA ROW,

DEWAN

Huzoor Cutcherry, }
Trevandrum, }
25th November, 1866 }

RULES.

For the Registration of Assurances in Travancore under Section 54 of Regulation I of 1042 passed under sanction of His Highness the Maha Rajah

I No document shall be registered unless the party executing it or his representative, assignee or duly authorized agent shall appear before the Registering Officer (except in cases where such appearances are dispensed with by the Regulation) within the time allowed for its presentation, viz six months from the date of its execution

II Such documents as are refused under the above rule shall be subject to the provisions contained in Sections 56, 57 and 58 of the Regulation

III Documents remaining unclaimed in any Registration Office for a period exceeding two years may be destroyed

IV In the event of a registered instrument being destroyed, a note showing the date on which it was destroyed shall be entered in the page of the volume in which it had been

copied. In the event of the instrument being one of which registration had been refused, a similar entry shall be made in the page of Book No 4 containing the order of refusal. Lists of documents lying unclaimed shall be sent to the Huzoor Registry Office, and shall, from time to time, be published in the Travancore Government Gazette. Notice shall also be given by the District Registrar, by letters bearing, addressed to the persons entitled to receive the document lying unclaimed for more than a month

V A party who wishes to cancel a Power of Attorney granted by him for registration purposes, being unable to obtain its surrender from the grantee, shall apply by petition to the District Registrar (within whose jurisdiction such Power was originally attested or intended to operate) to have the same revoked

- 1 A fee of one rupee shall be levied on every such petition presented
- 2 The Registrar shall, on presentation of the petition, satisfy himself as to the identity of the party presenting it in manner provided for the registration of documents
- 3 Such petition shall then be countersigned by the Registrar and filed in the Office. The countersigned petition shall have the effect of cancelling the Power of Attorney
- 4 The cancelling petition shall contain a request to the Registrar that the revocation of the Power of Attorney be notified in the Gazette. An advertisement to this effect on a separate paper shall form an enclosure of the above said petition and the same shall be duly signed by the party
- 5 The notification in the Gazette shall contain the following particulars
 - (a) The year month and date of the attestation of the Power of Attorney cancelled and of its cancelment
 - (b) The name of the party in whose behalf the Power was granted as well as the name of the granter,
 - (c) The districts or territorial limits within which the Power of Attorney was intended to operate

The above particulars shall be stated in the form given below

Year, Month and date of the attestation of the Power of Attorney	Name of the grantor	Name of the grantee	Local limits in which the Power of Attorney had force	Year, Month and date of cancelling

Station
Date

Signature in full

- 6 The date on which the Gazette containing a cancelling notification reaches a District Registrar shall be regarded as the date of the revocation of the Power of Attorney in the Districts other than that in which the cancelling petition was attested
- 7 All the charges relating to the publication of such notification shall be borne by the party at whose instance it is made
- 8 The District Registrar shall send such notification duly initialed by him to the Huzoor Registrar, who shall cause it to be published in the next issue of the Gazette
- 9 No Registering Officer shall thereupon take any action on such cancelled Power of Attorney

VI In complying with any requisition made by a Court which involves a search or the preparation of a copy of any document, the Registering Officer shall forward to such Court a memorandum of the fees payable on that account in view to the amount of such fees being remitted by the Court to the Registering Officer

VII Whenever any Registering Officer or any of his clerks is summoned to appear as a witness before a Court, such Registering Officer shall be entitled to apply to the Court issuing such summons for the payment of all the travelling and other expenses to be met by him or his clerk in passing to, and from, the Court. The Court shall order the payment of such travelling and other expenses to the Registering Officer

VIII. In the event of a document being left unclaimed for more than one month from the date of its registration, or of its refusal, it shall not be returned unless a fine of one Rupee be paid for every month or part of a month during the time, it may have remained unclaimed beyond the above period.

IX. In every case where a fee has to be assessed, the amount determined by the Registrar shall be paid in the first instance. If the Huzoor Registrar thinks there has been an overcharge, he shall order the District Registrar to refund the difference between the proper fee and that levied.

X. In the event of any Registering Officer Registering a document without collecting the prescribed fee or fine, he shall, unless especially exempted by the Huzoor Registrar, be required to make good any amount which he may fail to recover from the parties.

XI. After a document and the endorsement and certificate on it, have been copied into the Register, the Registering Officer shall personally ascertain the correctness of the copy and of the notes of interlineation &c by having the original read aloud to him by some person other than the copyist, while he has the Register before him. He shall initial every page and affix his signature at the foot of the copy of the instrument as well as at the foot of its certificate. He shall also initial all corrections, interlineations and erasures. In the event of the Registering Officer being prevented by pressure of business, or any other cause from personally comparing the original with the copy in the Register, he may delegate this duty to one of his clerks. Both the copyist and the examiner shall sign the record and enter the words "copied by" and "examined by". If one or more pages are, by oversight, left blank in any part of a volume, a certificate, to that effect shall be entered in each page so left.

XII. In the event of a document being inadvertently registered in a wrong book, the registration shall stand, but the document with the endorsement and certificate thereon, shall be copied into its appropriate register without further charge. No new number shall be given to such document but it shall be indexed like all other documents. A note of such mistake shall be distinctly made in both the books.

XIII. For the purposes of registration a month shall be counted as consisting of thirty days only.

XIV Where the executants of a document are two or more, they shall generally appear together, but may on special cause being shown, appear at different times to admit the execution of the document. When they appear at different times, the examination as to the identity of the party that admits the execution, shall be made from time to time

XV When appeals go to the Court for ordering registration, and when the Court finds that the executant has not, as required, authenticated the copy of the document or schedule containing the necessary description of property, or both, by his signature, the Court shall authenticate the copy of such document and its schedule under the signature of the Judge provided it orders the registration of such document and shall return the same to the party concerned with the document to be registered

XVI When any omission or error, or anything wanting to complete the sense is discovered in a document subsequent to its registration, no attempt shall be made to supply such omission or to correct such error &c in the register or in the original document, but such defects shall be remedied by getting another document drawn up showing therein the above omission &c and having the same registered

XVII The Registering Officer will explain to the parties that it will be a great advantage to them, if in the document brought to be registered, they mention also the present and former occupants of the property to which the documents relate.

XVIII These rules shall come into force on the 16th October 1878.
1st Alpan, 1049

NOTIFICATION PROHIBITING THE SHOOTING OF ELEPHANTS.

Under sanction of His Highness the Maharajah, it is hereby notified to all concerned, that the Travancore Sircar strictly prohibits the shooting, or otherwise killing, of wild Elephants, in the territories of the State, except as hereinafter provided

12. Persons convicted of transgressing the provisions of this notification, will be summarily punished by the magistrates with fine not exceeding 50 Rupees or with imprisonment which may extend to three months, or with both

3 In special cases, the Dewan will, on application, grant a written permit for shooting Elephants, and those who obtain such permits and act only in conformity with their provisions, will be exempted from the penalties specified in the preceding para

4. General permits will be granted on application to such subjects of this State as possess properties in, or near jungles infested by wild Elephants, and such subjects will be authorized by the permits to kill Elephants, but in defence of their persons and properties only

5 Persons killing wild Elephants in self defence will be exempted from the penalties specified in para 2 of this notification, but such persons shall immediately report the circumstance to the nearest Police Officer

6 In any case, the tusks, teeth, &c of wild Elephants, however death may have occurred, will, as hitherto, be the property of the Sircar, and are deliverable to the nearest Police Officer

7 The Sircar will pay a reward to any person who will give information of the illicit killing of Elephants, or of appropriation of their tusks such as to lead to the conviction of the offender

T MADAVA ROW,
DEWAN

HUZZOOR COTCHERRY,
Trevandrum,
16th October 1869

}

NOTICE TO EUROPEANS AND AMERICANS RESORTING TO TRAVANCORE.

Europeans and Americans who arrive in Travancore, are requested to immediately report the circumstance to the nearest Police Authority. Should they desire to reside permanently in this country, they have previously to obtain the permission of the Sirkar, through the British Resident, which if deemed unobjectionable by the authorities, will be duly accorded, on the parties agreeing to conform to the local laws and usages

Europeans and Americans, residing in Travancore, are expected, *in like manner*, to obtain the sanction of the Sircar in every instance of purchasing or otherwise acquiring landed property

**THE FOUR DIVISIONS OF TRAVANCORE AND DISTRICTS OR
TALUQS COMPRISED THEREIN.**

Division	Station of the Officer in charge	Districts comprised in the Division	Stations of the Tassildars of the Districts
Palpanabapuram or Southern	Palpanaba- puram	Thovanlah Agastheesuram Erranuel Kulculam Velavancode	Poothapaundy Shosheendrum Erranuel Palpanabapuram Coolethoray
Trevandrum	Trevandrum	Neyattankaray Trevandrum Neddoovengaad Sherangheel	Neyattankaray Trevandrum Neddoovengaad Sherangheel
Quilon	Quilon	Quilon Kunattoor Karnangapully Kartegapully Mavellikaray Chenganoor Tiruvella Ambalapuley Kotaurakaray Pathnavaram Shencottah	Quilon Kunattoor Pudnarcolankaray Arrepaud Mavollikaray Chenganoor Tiruvella Ambalapuley Kotaurakaray Pathnavaram Shencottah
Shertallay or Northern	Shertallay	Shertallay Vyekam Yetmanoor Cottayam Changanacherry Meenachel Mooauttoopulay Thodoovulley Kunattoonaad Aulangaad Paravoor	Shertallay Vyekam Yetmanoor Theroonakaray Changanacherry Palah Mooauttupulay Kariode Perroombavoor Tiruwaloar Cunnencolankara

JURISDICTIONS OF THE ZILLAH AND MOONSIFF COURTS.

District or Zillah Courts	Moonsiff Courts subordinate to each Zillah	Kelvies Adigars Proverthes or Manams in each District comprising Jurisdiction of the Zillah and Moonsiff Courts
Pulpanab-poorom.	Wuddeachery Pulpanab-poorom Nagereoli Additional Paranalay Additional Do Trevandrum	Agastheesuram Chaz Shrochendum Kotaur & Paraka pedagah Kalvi in the Agastheesuram District All the Adigars in the Kulodum and Eraneel Districts All the Kelvies in the Thibonulak District & Padavattoopedagah Kelym in the Agastheesuram District All the Adigars in the Velavande District & Neyattinkary Vellapil Parahalla Kunathoodhal Kollyil Coolidhoor & Perovontavilash in the Neyattinkary District Nellamun Oolloor Colathoor Palluppuram Kalyootoom and Thonnekel in the Trevandrum District
Trevan-drum	Trevandrum, Additional Parapenack Quilon Kranthapuram Do Additional	Vunjoor Palcoolangara Pattom & Valtokkavoo in the Trevandrum District and Naimom Kottokhal & Marootil in the Neyattinkary District All the Adigars in the Shernageel and Neddenvegaud Districts All the Proverthes in the Quilon District & Thayvolak tray & Thavuray in the Karanagapally Districts Karanagapally Keelabashar-pooram Puthoolvely Kristnapuram Thilavadi and Kunumash in the Karanagapally District Paruthalam vadakkilasa Puthalam thakkaram Thamaravelom Palli Kel and Thakkaram in the Muvillikunnam District and Puthoom in the Kertipapally District All the Proverthes in the Kottarakkary Palhinapuram and Kunattoor Districts All the Manams in the Shenootish District All the Proverthes in the Travvelliash District Kartupapally Aural Keericaud Chappaud Pallipaudi Moothookolom Kelakarakh Kunarapuram and Thurckoonapalay in the Kertipapally District and Mavellikkary Kunnamongalam Noor and Anday in the Mavellikkary District
Quilon	Kotarakkary Shenootish Throovellah Areepaud	Alleppey Kynuk in Neddommy Pulinkoonnoo and Kavalom in the Ambalapulay District and Aural Manrikolom Thaneeruvookum Shurtullay and Vayalay in the Sherttillay District All the Proverthes in the Changanacherry District & Ambalapulay Chembachoolam Thilavady Kollumooktoo Thagah Porcaud & Karyonady in the Ambalapulay District All the Proverthes in the Vykan District & Arcoor & Thooroor in the Sherttillay District
Alleppey	Alleppey Additional Ambalapulay Vykan Yefmanoor Do Additional	All the Proverthes in the Yefmanoor Meerachol & Cottayan Districts All the Proverthes in the Moosathumpulay Thodoovalay & Kmattoonand Districts All the Proverthes in the Anlangaud & Paravoor Districts
Paravoor	Moosathumpulay Paravoor	

ROADS AND STAGES AND THEIR DISTANCES.

ROADS

*From Travancore to Cochin via Trevandrum,
Quilon and Alleppey*

<i>From</i>	<i>Miles</i>	<i>From</i>	<i>Miles</i>
Arambooly in the Travancore country	<i>to</i>	Areepaud	<i>to</i>
Nagercoil	8½	Porakaad	9½
Palpanabapuram	8½	Alleppey	8½
Oolethoray	9½	Coonjeetie	13
Neyattankaray	11½	Andacar Ayhy or Bar	12
Trevandrum	11½	Cochin—Cochin Territory	13
Kunnyavarum	11	To a village 1½ mile south of Pallipport	14
Anjengo	8	Shermungalum	7
Paravoor	11½	Astumacherry	9
Quilon	7	Poodieaul Choultry	8
Sacticollumeara	4	Trichoor	8½
Karnaupally	12½	Malekaray	9
Kayencolum	8½	Wuddakancherry	11
Areepaud	11		

*From Arambooly to Shencottah via Trevandrum,
Quilon and the Arriengavoo Pass*

<i>From</i>	<i>Miles</i>	<i>From</i>	<i>Miles</i>
Arambooly	<i>to</i>	Quilon	<i>to</i>
Nagercoil	8½	Killyaloor	2
Palpanabapuram	8½	Koondray	7½
Oolethoray	9½	Kotaurakaray	6½
Neyattankaray	11½	Pathanapuram	11
Trevandrum	11½	Mambalaturay	13
Kunnyavarum	11	Auriengavoo	13½
Anjengo	8	Pularay	3
Paravoor	11½	Shencottah	5½
Quilon	7		

By Land.

From <i>Pannagooty</i> to	No of Miles			Hire for 12 Bearers, 1 Muzal- jee and 1 Cavalry Cooly, at 1 Chukrum each man, or 14 Chuk- runs for the set per mile			Hire for 1 Baggage Cooly, at 8 Cash per mile.			
	Rs	Chs	Ca.	Rs	Chs	Ca.	Rs	Chs	Ca.	
Arambooly	7½	3	24	8	0	3	14			
Nagercoil	7½	3	18	6	0	3	11			
Oodeagberry	8½	4	10	8	0	4	7			
Coollethoray	10	5	0	0	0	5	0			
Neyattankaray	11½	5	17	8	0	5	10			
Trevandrum	13½	6	24	8	0	6	14			
From <i>Trevandrum</i> to										
Kunniyavaram	11	5	14	0	0	5	8			
Anjengo	11	5	14	0	0	5	8			
Colytotum	2	1	0	0	6	1	0			
Varkalay	4	2	0	0	0	2	0			
Paravoor	7	3	14	0	0	3	8			
Quilon	7	3	14	0	0	3	8			

From <i>Pannagooty</i> to	No of Miles			Hire for 12 Bearers, 1 Muzal- jee and 1 Cavalry Cooly, at 1 Chukrum each man, or 14 Chuk- runs for the set per mile			Hire for 1 Baggage Cooly, at 8 Cash per mile.			
	Rs.	Chs	Ca.	Rs.	Chs	Ca.	Rs.	Chs	Ca.	
	15½	7	14	14	0	7	9			
	24	11	25	6	0	12	0			
	34	16	25	6	0	17	0			
	45½	22	14	14	0	22	10			
	59	29	11	6	1	1	8			
From <i>Trevandrum</i> to										
	22	11	0	0	0	11	0			
	24	12	0	0	0	12	0			
	28	14	0	0	0	14	0			
	35	17	14	0	0	17	8			
	42	21	0	0	0	21	0			

From Quilon to	No of Mules			Hire for 12 Bearers, 1 Mussaljee and 1 Cavadu Cooly at 1 Chuck- run each man, or 14 Chuckruns for the set per mile			Hire for 1 Baggage Cooly at 8 Cash per mile.		
	Rs.	Cha.	Ca.	Rs.	Cha.	Ca.			
Chowray	9	4	14	0	0	4	8		
Karunagapully	8	4	0	0	0	4	0		
Kullygulon	8	4	0	0	0	4	0		
Aarepaad	10	5	0	0	0	4	0		
Porakaad	9	4	14	0	0	4	8		
Alleppey	10	5	0	0	0	5	0		
Shertallay	13	6	14	0	0	6	8		
Aroocooty	15	7	14	0	0	7	8		
Cochin	9	4	14	0	0	4	8		
From Quilon to	No of Mules			Hire for 12 Bearers 1 Mussaljee and 1 Cavadu Cooly, at 1 Chuck run each man or 14 Chuckruns for the set per mile			Hire for 1 Baggage Cooly, at 8 Cash per mile		
	Rs.	Cha.	Ca.	Rs.	Cha.	Ca.	Rs.	Cha.	Ca.
Killyaloor	3	1	14	0	0	1	8		
Koondray	3	1	14	0	0	1	8		
Kottarakarray	7	3	14	0	0	3	0		
Pathanapooram	11	0	14	0	0	1	8		
Mambalatoray	13	6	14	0	0	6	8		
Arangavoo	13	6	14	0	0	6	8		
Puharay	4	2	0	0	0	2	0		
Shencottah	6	3	0	0	0	3	0		
Courtallum	3	1	14	0	0	1	8		

From Pannagooty to	Hire for 1 Cart with Bullocks and Driver at 1½ Chackrams per mile.				From Pannagooty to	Hire for 1 Cart with Bullocks and Driver at 1½ Chackrams per mile.			
	Mile.	Rs	Chs	Ca		Mile.	Rs	Chs	Ca
Arambooly	7½	0	11	10					
Nagercoil	7½	0	11	1		15½	0	22	11
Oodagherry	8½	0	13	5		24	1	8	0
Coolthoray	10	0	15	0		34	1	23	0
Nevattenkaray	11½	0	16	14		45½	2	11	14
Trevandrum	13½	0	20	10		59	3	4	8

TRAVELLERS' BUNGALOWS.

Station	Distance from each other	Route
Southward		
Trevandrum	Miles	Main Southern Road
Nevattankaray	11½	
Coolthooray	11½	
Oodagherry	10	
Nagercoil	8	
Total	41½	
Northward		
Trevandrum	—	Backwater
Sherneercadavoo	2	
Nadayarah	4	
Quilon	13½	
Ayrunthengoo	18	
Caroomady	23½	
Alleppey	12½	Total
	90½	
Varkalloy (from Trevandrum)	20	Backwater
Quilon	—	Quilon and Courtallum Road
Pathanapuram	26½	
Mampoolathooray	14	
Pulverrav	17	
Total	56½	
Cotoor (from Trevandrum)	20	Sanitarium road*
Nangaud	8	
Athermallay	10	
Total	38	
Chunganacherry (from Alleppey)	14	Peermade Ghât road
Wurroor	17	
Moondekynum	16	
Total	47	

TELEGRAPH DEPARTMENT.

C Duffin, Asstt Superintendent Travandrum Sub-Division

Alleppey, a 2nd Class office—open from 7 A M to 9 P M daily
W G Harvey, Telegraph Master

Quilon, a 3rd Class office—open daily from 10 A M to 5 P M except on Sundays and holidays, when it is open from 7 A M to 8 A M and from 4 P M to 6 P M
F X Clement, Telegraph Master

Travandrum, a 2nd Class office—open from 7 A M to 9 P M daily

A H T Prime, Telegraph Master

Nagercoil, a 3rd Class office—open daily from 10 A M to 5 P M except on Sundays and holidays when it is open from 7 A M to 8 A M and from 4 P M to 6 P M

C R Ferguson, Telegraph Master

TELEGRAPH RULES AND RATES.

The following Rules and Tariff relating to the despatch of Telegraph Messages in India, British Burmah, and Ceylon, are sanctioned by the Governor-General in Council

GENERAL

RULE I—The accuracy of messages is not guaranteed, and the sender and receiver must accept all risks arising from non-delivery, errors, or delays

RULE II—Telegraph Stations are divided into three classes—1st, those performing permanent day and night duty, 2nd, those performing full day duty, 3rd, those performing limited day duty

Stations of the 1st class are open day and night for the reception and transmission of messages

Stations of the 2nd class are open from 7 A M till 9 P M (local time)

Stations of the 3rd class are open from 10 A M till 1 P M, and on Sundays and the holidays enumerated in Rule III from 7 to 8 A M and from 4 to 6 P M (local time)

RULE III—All Offices except those of the 1st Class will be closed to the public between the hours of 8 A M and 4 P M (local time) on Sunday, Christmas Day, New Year's Day Good Friday, and the Queen's Birthday

RULE IV—In cases of life and death, or of extraordinary emergency, a message counter signed by the chief Civil or Military authority at a station or by any of the authorities empowered to 'clear the line' (see Rule XLVI), can be sent from any Office at any time

RULE V—Senders of messages are advised to write them messages in an unmistakable and distinct hand, and to use the shortest and most familiar words they can select. The more intelligible the message, the greater is the probability of its being correctly transmitted

Classification of Offices

Office hours.

Hours of business on Sundays & Holidays

Exceptions in favor of emergent telegrams signed by competent authority

Messages should be legibly written and clearly expressed.

ACCEPTANCE OF MESSAGES FOR TRANSMISSION

RULE VI—No message or messages of more than 200 words can be sent at any one time by any private individual or firm, and no second message by the same individual or firm till after the lapse of three hours, unless the lines be free and not required by any one else

Limit to length of messages.

Messages must be in the Roman character, or Arabic figures

Messages translated for natives

Cipher Messages

RULE VII.—All Messages must be legibly written in the Roman character or in Arabic figures. Subject to the above limitation, Messages may be sent in the vernacular or any foreign language, or in cipher, if written in the Roman character, or in Arabic numerals.

At stations other than the Presidency Towns, every assistance possible is afforded to natives in the translation of messages into English and vice versa.

RULE VIII.—*Cipher messages* are those which consist either wholly or in part of groups of figures or of letters not forming words. The whole of the cipher portion must be composed either exclusively of letters of the alphabet or exclusively of Arabic figures. The body of the message may consist either wholly of cipher, or partly of cipher, and partly of ordinary language. The parts in cipher must be placed between parentheses, separating them from the rest of the message.

EXAMPLES OF CIPHER MESSAGES WHICH ARE ADMISSIBLE

"(4597) (63289) (459) (181704)"

"Send sharp (639) (2140) Further shipment (154)"

"(A V K) (B) (C P G) (G K R S N)"

EXAMPLES OF CIPHER MESSAGES WHICH ARE NOT ADMISSIBLE

"(45 A B C) (234 X Y Z)"

"(1234) (P Q R) (C B G) (789)"

Form to be followed

RULE IX.—The body of the message must be preceded by the address (as defined in Rule XX.) The true signature and address of the sender must always be written at the foot of the message.

Verification of signature to private messages may be insisted upon.

Full address necessary

The sender of a private message can always be called upon to prove that the signature attached to it is genuine.

RULE X.—The address must contain all the information necessary to ensure the delivery of the message at its destination and the sender in all cases supports the consequences of insufficiency of address. After the message is once despatched, it can neither be cancelled, completed, nor rectified except by the despatch of a fresh paid message.

Authentication of corrections necessary

RULE XI.—Every interlineation, reference, erasure, or alteration of words must be authenticated by the sender of the message, or

RULE XII—Messages from places where there is no Telegraph Station should be addressed to the nearest Government Telegraph Office by Post (registered,) together with Telegraph or Postage Stamps sufficient for their payment. Such messages are charged at the day rate at whatever time they may reach the Telegraph Station and a receipt for the amount will be posted *free* to the sender.

Messages sent by Post to Telegraph Stations for transmission.

In the case of a private message sent by Post to a Telegraph Station with an insufficient number of stamps, the message and stamps will be returned "Service Bearing to the sender, who should in all cases give his full address."

Treatment of messages received by Post for transmission insufficiently stamped.

RULE XIII—Messages can be addressed to places where there are no Telegraph Stations. In such cases, the sender must state (free) from what Telegraph Office delivery is to be effected.

Messages addressed to non-Telegraph Stations.

Example—To Hazareebaugh, "Post Burlee. No charge will be made for ordinary inland postage, which is defrayed by the Telegraph Administration. But if the sender of a message that has to be delivered by inland post wishes it to be registered, he must prepay the postal registration fee of four annas, and intimate that this has been done by adding (free) the words "Post registered" instead of "Post," before the name of the Telegraph Station at which the message is to be posted.

Postal registration is compulsory in the case of messages which have to be posted in India to places beyond Indian limits and in such cases both the postage and registration 12 annas fees must be prepaid by the sender. A registration fee of 4 Annas is also payable in the case of messages to which replies are prepaid and which are addressed to a Station where there is no Telegraph Office or to a Station on the East Indian Railway (Vide note to Rule XLIII).

RULE XIV—With the following exception, all charges for messages must be prepaid in cash or in stamps—

Bearing messages.

Messages are sent "bearing" from sea-ports when received for despatch by mail steamers or other vessels, but no such message whether "prepaid" or "bearing" will be received for transmission until the name of the vessel has been made known. *Bearing messages will not be delivered to the addressees until after payment has been obtained.*

Use of Stamps.

Form of Stamp provides a guarantee to the sender and to Government.

Forms obtainable gratis at all stations

Stamps to be properly affixed to the forms

Cut or defaced Stamps cannot be received

Charges on service messages

Service messages take their turn for despatch with private messages

No unpaid messages to be despatched under penalty

RULE XV—All charges on telegrams are prepaid in Telegraph Stamps, which are procurable at every Treasury and every Government Telegraph Station

Telegraph Stamps are double headed, the object being that the *upper half* shall be returned on the receipt (whereby the sender receives a guarantee that his message has not been suppressed for the sake of the stamps), and the *lower half* shall be affixed to the message as voucher to Government that it has been prepaid

Proper Forms on which to write messages are available *gratis* at all Telegraph Stations, and *senders are requested to use these forms only*

The senders of messages should be careful to affix their stamps on the spaces left blank for the purpose on the message forms, *the upper half on the receipt, the lower half on the message*, and to see that the stamps are defaced with the Office Stamp which bears the name of the station and the date

Telegraph Stamps cut in two, before being sent into a Telegraph Office, or which are in any way defaced, cannot be accepted.

RULE XVI—Service messages from all public functionaries must be paid for in cash or in stamps prior to despatch the rates are the same for service messages as those charged to private individuals *This rule will be relaxed in cases of great emergency, whenever a state message is tendered for despatch under the permission. The sender must certify to its urgency and to the necessity for its immediate despatch without prepayment and must take the necessary steps to ascertain the charges on it and pay them into the Telegraph Office within 24 hours*

RULE XVII—Service messages have no right of precedence and take their turn for despatch with private messages except in cases of pressing public emergency when priority may be claimed on special grounds

RULE XVIII—No unpaid messages, except those specified in the Departmental Regulations, shall on any account be transmitted. A violation of this rule will subject the Signaller or Telegraph Master in charge of the station from which a message is improperly despatched to dismissal from the public service

RULE XIX—Telegraph Masters are required to refuse to transmit a message which may be of a decidedly objectionable or alarming character. Should the character of a message be disputed, the matter may be referred to a Secretary to Government, if the dispute occur at the seat of Government, or to the chief Civil or Military Officer if at a Provincial station.

Objectionable messages to be refused acceptance

CHARGES

RULE XX—No charge is made for the transmission of the address.

The address includes names of stations from and to which the message is to be despatched, the *bona fide* names or designations. Name and designation cannot both be admitted unless it would be otherwise obviously impossible for the Addressee to identify the Sender. A message can only be sent in the name of one individual or firm of the sender and addressee and the latter's address. No other words can be transmitted unless paid for as part of the body of the message, and the Officers of the Telegraph Department are authorized to omit from the address any words which are not essential to the correct delivery of the message.

Free address

If the sender of a message desires his own address to be telegraphed, it must be included in the body of the message, and paid for.

RULE XXI—The following are the rates of charges for a message in ordinary language—

Charge for a message

a Between any two stations in India or between any two stations in the Provinces under the Administration of the Chief Commissioner of British Burmah, one Rupee for every six words or less exclusive of the address.

b Between any station in India and any station in British Burmah, or between any station in India and any station in Ceylon one Rupee eight annas for every six words or less, exclusive of the address.

c Between any station in Ceylon and any station in British Burmah, two Rupees for every six words or less, exclusive of the address.

RULE XXII—A double charge will be levied on all messages tendered for transmission between the hours of 6 P.M. and 6 A.M. (local time), also on Sundays and the following holidays—Christmas Day, New Year's Day, Good Friday, and the Queen's Birthday.

Occasions on which double charges are leviable

Charge for a message in cipher

Messages despatched to and from Railway Stations without extra charge

Ceylon local rates

RULE XXIII—The charge for a message in cipher is double the charge for a message in ordinary English language

RULE XXIV—A message can be sent from any station of the Government Telegraph Department to any Railway Telegraph Station or vice versa, without additional charge

RULE XXV—The local rate in Ceylon is one Rupee for 20 words, *including of address*, for any description of message between any two stations with eight annas for every additional ten or fraction of ten words. Double charges are levied on messages sent after hours or on holidays, the same as in India

TABLE OF CHARGES

No charge is made for the transmission of the address (See Rule XX)

	For every six words or less exclusive of the address				
	In ordinary language		In cipher		
	Rs.	A.	Rs.	A.	
Between any two stations in <i>India</i>	1	0	2	0	See Rules XXI (a) and XXIII
Between any two stations in the provinces under the administration of the Chief Commissioner of <i>British Burmah</i>	1	0	2	0	Ditto ditto
Between any station in <i>India</i> and any station in <i>British Burmah</i>	1	8	3	0	See Rules XXI (b) and XXIII
Between any station in <i>India</i> and any station in <i>Ceylon</i>	1	8	3	0	Ditto ditto
Between any station in <i>Ceylon</i> and any station in <i>British Burmah</i>	2	0	4	0	See Rules XXI (c) and XXIII

CEYLON LOCAL TARIFF

Address Charged for

	For a message of 20 words including address	For every additional ten or fraction of ten words
Between any two stations in Ceylon	One rupee.	Eight annas

APPLICATION OF CHARGES

RULE XXVI—The maximum length of a word is fixed at six syllables. The excess is counted as a word.

RULE XXVII—Messages must not contain any unusual combinations, abbreviations, or constructions. Any word in common use, which, although requiring two words to express it, is generally recognised as one word, is charged as one word when so written, when the two parts are not joined by a hyphen or apostrophe, and when less than six syllables.

No unusual abbreviations or combinations permitted

"Halipenny, 'Twopenny, Threepence, up to Elevenpence when written as a single word, count as one word only; 'I O B' and 'C F I' when written as separate letters, are each counted as three words, but when written "Fob" "Off," as one word.

RULE XXVIII—Words joined by a hyphen are counted as so many separate words.

Words joined by a hyphen

RULE XXIX—Words separated by an apostrophe are counted as so many separate words. (This rule does not apply to nouns in the possessive case, as "Generals," "Charles," "Brother's.")

Words separated by an apostrophe

RULE XXX—Proper names of towns and persons, names of places, streets, ships, titles, Christian names, prefixes, and qualifications are counted for the number of words employed by the sender to express them.

Proper names titles &c

RULE XXXI—Every isolated character whether letter or figure, is counted as a word. The same applies to an underline.

Every separate character including an underline, charged as a word

Signs of punctuation.

RULE XXXII.—Signs of punctuation, hyphens apostrophes, inverted commas, parentheses fresh paragraphs are not counted in ordinary messages. But decimal points, commas, and bars of division, *used with figures*, are each counted as a figure.

Charges for figures.

RULE XXXIII.—When numbers are expressed in figures in ordinary messages, each group of five or fewer figures is counted as a word, the same rule applies to groups of letters, letters added to figures to form ordinal numbers are each counted as a figure.

Method of counting cipher messages.

RULE XXXIV.—In cipher messages all the characters, figures, letters, or signs employed in the cipher text are added together, the total divided by five and the quotient, plus one for the remainder, if there be any, gives the number of words the ciphers represent. Signs used to separate groups in cipher messages are counted each as a figure or letter, unless the sender expressly desires that they be not transmitted.

All words to be transmitted charged for.

RULE XXXV.—All that the sender writes in his message to be transmitted is included in the cost, but the address of a message *as defined in Rule IX*, will be transmitted without charge.

Date and time of receipt added by the department & transmitted free.

The day, hour, and minute (Madras time) of receipt of a message into a Telegraph Office for despatch are in every instance added by the department and *they are charged free of charge*. Senders may however, date their messages if they think fit, but the sender's date, if given, will be charged for.

Multiple messages charged as separate messages.

RULE XXXVI.—A message addressed to several persons, or to the same person in localities where delivery is to be effected by different offices, is charged for as so many separate messages.

Multiple messages charged as one message.

RULE XXXVII.—A message addressed to several persons in one locality, or to the same person at several places of residence in one locality, with or without transmission by post, is charged for as a single message, but a copying fee of four annas, independently of postage, if any, is charged for each destination after the first.

REPETITION OF MESSAGES

RULE XXXVIII—The sender of any message can require that it be repeated. In this case the different stations employed in its transmission collate it as it passes, repeating it to each other integrally.

Collation of messages

RULE XXXIX—The charge for repeating is equal to half the charge for the message. A repeated message is indicated by the word 'collation', which, to ensure the greatest accuracy, is telegraphed (free) both in the official instructions and as the first word of the text of the message.

Charge for collation

ADVICE OF DELIVERY

RULE XL—Any sender can require that a notice of the time at which his message is delivered be transmitted to him by telegraph. This advice of delivery may be addressed to him at any station by his name.

Advice of delivery

RULE XLI—If the message cannot be delivered the return telegram indicates the circumstances which prevented delivery, and if possible gives the information necessary to enable the sender to cause his message to reach its destination.

Case of non-delivery

The return message has priority in transmission over other messages of the same class.

Priority of return message

RULE XLII—The charge for an Advice of Delivery is equal to that for a single message at ordinary or day rate.

Charge for advice of delivery

PREPAYMENT OF REPLY

RULE XLIII—The sender of a message can prepay a reply not exceeding 200 words in ordinary language at day rate. He must add to his message the words 'Reply paid' or 'Answer paid'. These must form the concluding words of the message, but will not be charged for. On depositing the corresponding sum, the sender can add (free) to the words 'reply paid' or 'answer paid' the amount to which he wishes the reply to be limited. When the words 'reply paid' alone are given, without any spe-

cuffed amount, it will be understood that the minimum charge only has been prepaid. The terminal station pays to the receiver, in Telegraph Stamps, the amount prepaid, leaving it to him to send his answer how, when, and to what address, he pleases, or not to send one at all. The reply, if sent, is considered in every respect as a fresh message. Should it be impossible to effect delivery of a "Reply paid" message, the terminal station sends a telegram to that effect to the sender, and this telegram takes the place of the return message for which a reply has been prepaid. The words "Reply paid" or "Answer paid" entitle the addressee to receive the equivalent of the minimum charge only, and if he wishes to answer, at a time when the double charge is levied, he must pay the additional cost himself. It should be distinctly understood that it is not compulsory on the addressee to send a reply. The duty of the Telegraph Department consists simply in paying to him in Telegraph Stamps the amount prepaid, leaving him at liberty to do what he pleases with it. As the East Indian Railway Company declares its inability to make over prepaid reply deposits to Addressees, messages addressed to stations on that Railway to which replies are prepaid, are not transferred to the Railway Telegraph, but posted (with Telegraph stamps enclosed) from the nearest Government Telegraph Station direct to the addressee. Postal registration is compulsory in this case, as also in that of a message to which a reply is prepaid addressed to a station, where there is no Telegraph Office.

DELIVERY

Free delivery within five miles of a Telegraph Station.

Charge for re-addressing a message

RULE XLIV—Messages will be delivered free of charge at any place within five miles of a Telegraph Station. Beyond this distance, messages will be sent by post or by such other means as the sender may arrange and pay for.

RULE XLV—Should the addressee of a message have left the station to which it is addressed, and it be sent on by Telegraph to some other station, it will on re-transmission be considered in every respect as a fresh message, and all bearing charges must be paid by the addressee before the telegram is delivered to him.

CLEAR LINE MESSAGES

RULE XLVI.—On emergent occasions of great importance, the public functionaries named below have the power to "clear the line," that is, to suspend the receipt and despatch of all messages until the one for which the line is "cleared" is passed on —

- (1) —The Governor General of India
- (2) —The Governors of Madras, Bombay, and Ceylon.
- (3) —Commanders-in-Chief, India, Madras, and Bombay
- (4) —Lieutenant-Governors of Bengal, North-Western Provinces, and the Punjab
- (5) —Secretaries to the Government of India.
- (6) —Secretaries to the Governments of Madras, Bombay, Bengal, North Western Provinces, and Punjab
- (7) —Chief Commissioners of Oudh, the Central Provinces, British Burmah, and Mysore and Coorg and Assam.
- (8) —Agents to the Governor General, Rajpootana and Central India
- (9) —Commissioners of Sindh and Peshawur
- (10) —Director General of Telegraphs in India
- (11) —The Resident at Hyderabad (Deccan)
- (12) —The Maharajah of the Patiala (*from Patiala office only*)

The messages so sent are, however, to be paid for in cash or in stamps, as other State messages

REFUNDS

RULE XLVII.—No refund will be made for a message delivered wholly or partially in an unintelligible state, unless the extra charge for repetition has been paid by the sender See Rule XXXIX.

No refund given for errors in an uncollected message

RULE XLVIII.—If a message be not delivered or be subjected to serious delay through the fault of the Telegraph Department, the whole charge made for it will be returned to the sender.

Conditions of refund in the case of non-delivery or delay of messages

RULE XLIX.—Applications for refunds, as also all complaints respecting messages, should be addressed to the *Telegraph Check Office, Calcutta*. Such claim for refund should be made, under penalty of rejection, within two months from the date of the message, but this period is extended to six months in the case of a repeated message or of a message for which a reply or an advice of delivery has been prepaid. *(When an over charge has been made on an Inland message through the neglect of the Telegraph employees and when there exists no doubt whatever as to the justice of the claim, the amount overcharged will be repaid at once by the Telegraph Master)*

CANCELLATION OF MESSAGES

Not admissible when a message is cancelled at the sender's request.

RULE L—If the sender of an Inland message wishes to cancel it before transmission has commenced, he can do so, but the charges upon it will not be returned when once the stamps are obliterated. If the message is in course of transmission, or has already been despatched, it can only be cancelled by a paid message from the sender to the Telegraph Master of the terminal station. If in addition the sender wishes to be informed by Telegraph in what manner his request has been acted upon, he must deposit the cost of the return telegram.

OBLIGATION OF SECRECY

RULE LI—To secure secrecy as much as possible, all persons, including Officers of the Department not actually on duty, are strictly prohibited from entering the signal room. Breach of this regulation renders an offender liable to a fine of Rs 100 under Act VIII of 1860.

Penalties for divulging the contents of a message.

RULE LII—Violation of secrecy on the part of any person in the Department will be punished by dismissal from office, forfeiture of arrears of pay, and a declaration in the official gazette of the incapacity of the delinquent to serve the Government in any capacity. He will also be liable to the further punishment of fine, or to imprisonment (with or without labor) not exceeding two years, or to both.

It is a violation of secrecy to mention the fact that a message has been received or despatched by any particular person or firm.

COPIES OF MESSAGES

RULE LIII—The sender and receiver have a right to be furnished with certified true copies of any message sent or received by them, a fixed charge of four annas is made for every copy furnished. As no Telegraph Office keeps copies of messages longer than three days, applications for copies required after that time has elapsed should be made to the Telegraph Check Office, Calcutta

Certified copies of messages obtainable by sender and receiver

Applications for copies must be made within six months of the date of the message. At the expiration of that period all message drafts are destroyed

One anna must be enclosed for postage of the reply, failing which it will be sent "bearing"

PRESS MESSAGES

RULE LIV—Under certain conditions, to be ascertained on application to the Director General of Telegraphs, (Traffic Branch), *bona fide* Press messages, i.e., messages in ordinary English language addressed to, and intended for, publication in, a newspaper, can be despatched at reduced rates

RULES FOR REGISTRATION OF ABBREVIATED ADDRESSES

Any firm or Individual expecting to receive inland or foreign messages can register an abbreviated address at the Government Telegraph Office from which such messages have to be delivered. Only one abbreviated address can be registered by each firm or Individual, and no abbreviated address can be accepted which has already been registered locally by another firm or Individual. A fee of Rs. 12 10-0 per annum for each abbreviated address registered by a private firm or Individual is payable in advance on the 1st January in each year. Abbreviated addresses are considered confidential

The Department accepts no responsibility in respect of the delivery of any telegram having an abbreviated address, if such address has not been registered



**PENSION RULES ESTABLISHED UNDER SIGN MANUAL
BY H. H. THE MAHARAJAH**

*Under date the 15th August, 1864
1st Olingom, 1040*

1 All Public servants drawing monthly salaries of 30 Rupees and upwards, and named in the annexed List marked A, shall be entitled to pension under these Rules

2 The applicant for pension must have served the Sircar for a period not less than 15 years, on a monthly salary of 15 Rupees and upwards

3 If the applicant's service fall short of 30 years, he cannot have a pension, unless incapacitated for further employment by old age, protracted ill-health, loss of sight, or other bodily or mental infirmity. Competent medical testimony to such incapacity shall always accompany an application for pension in such circumstances. But when service is more than 30 years, such testimony shall not be required

4 Public servants of standing between 15 and 20 years who are entitled to pension under these rules, shall be granted pensions equal to one-fourth of their monthly salaries calculated on an average of five years previously to the date of the application for pension. If the service has been for more than 20 but less than 30 years, and the public servant is entitled to pension under these rules, the amount shall be one-third of the monthly salary calculated in the manner above stated. Similarly, if the public servant has served 30 years or upwards, and his case satisfies the rules, the amount of his pension shall be one-half of his monthly salary calculated as above

5 In no case, however, is the amount of pension to exceed 500 Rupees a month

6 Pensions granted under these rules are not liable to attachment or sequestration in satisfaction of any decree or order of Court

7 Pension certificates cannot be mortgaged or otherwise transferred. The pensions are payable only to the individuals in whose names they have been granted or to their authorized Vakeels

8 Dismissal for misconduct entails forfeiture of the benefit of past service

9 Service as substitute does not count towards pension when the substitute holds no substantive appointment

10 The whole of the service in virtue of which pension is claimed, must have been passed in one of the grades specified in the annexed List marked B

11 Periods of service before the age of 18, shall not count towards pension

A

Dewan

Dewan Peishcar

Valia Mel Elthoo Pillay

Mel Elthoo Pillay

Dewan's Secretary

Police, Maranmut Chowkey, Devasom and Mint Sheristadars

Fouzdary Commissioner

Palace Sarwanthy Kariacar

Do Mel Elthoo Pillay

Do Samprethy Pillay

Nithiachilavoo Kariacar

Chellom Kariacar

Sheristadar of the Petition Department, Palace

Tutor to the Young Princes

Stable Kariacar

Judge of the Sadr Court

Registrar to Do

Judge of the Zillah Court

Moonaff

Tassildar

Superintendents of Police, Quilon and Trevandrum

Sheristadar of the Commercial Department

Huzzoor Samprethy

Pipper Department Samprethy

Huzzoor Treasurer

Manager, Huzzoor Office

Deputy Manager do do

Huzzoor Head Royasom

Do Deputy do

Jemabundy Head do

Unyel Superintendent

Manager Sadr Court's English Office

Pillamar Royasoms, Goomastas, Cashkeepers, Translators,

Writers, Samprethies and Vishanippoo drawing monthly salaries

of 30 Rupees and upwards in the Huzzoor Catcherry, Sadr Court,

Palace Commercial Department, and Zillah Courts

Supervisor of Salt Bankshalls

Chowkey Superintendent

Extra Police Officer

Jail Superintendent

B

Appointments included in the List A

Accountants, Royasoms, Cashkeepers, Goomastas, Goomasta-

kenmars and Clerks in the Huzzoor Catcherry and Sadr Court,

and every Office in the other Departments, to which is attached

a monthly salary of 10 Rupees or upwards excepting such grade

as that of Peon

WEIGHTS, MEASURES, &c. USED IN TREYANDRUM,
Reduced to Equivalents in English Denominations

WEIGHTS

1 Pannam	= 6 Grains (approximately)
13 Pannams = 1 Callenjoo	78 do "
13 Callenjoo = 1 Pannam	1014 do "
7½ Pattams = 1 Rautel	7005 do "

GRAIN MEASURE

1 Naulv	= 23 Cubic Inches	"
4 Naulves = 1 Edungally	92 do	"
3 Edungallies	1 Gallon	"
10 do = 1 Purray		

LIQUID MEASURE

4 Thodums = 1 Naulv	= 23 Cubic Inches	"
4 Naulves = 1 Edungally	92 do	"
10 Edungallies	1 Purray	
12 do = 1 Chottansay		
5 Chottansais = 1 Gudum		

MEASURE OF LENGTH, APPLICABLE TO LAND AND TIMBER, &c

1	Angoolam	=	1½ Inch English approximately
24	Angoolams	=	1 Kole
4	Koles	=	1 Thundoo
800	Thendoos	=	1 Nauligay
2000	do	=	1 Crossam
4	Crossams	=	1 Yogena

MEASURE OF TIME

8 Nody	= 1 Mathra	= 01 Second
4 Mathras	1 Gunnidum	04 "
10 Gunnidums	1 Vyerpoo	40 Seconds
6 Vyerpoos	1 Vinauligay	24 "
60 Vinauligays	1 Nauligay	24 Minutes
2½ Nauligays	1 Munney nehrum	1 Hour
7½ do	1 Yaumam	3 Hours or 1 Watch
60 do or 8 Yaumams	1 Divassam	1 Day
7 Divassams	1 Wauram	1 Week
15 do	1 Packsham	15 Days (nearly)
2 Packshams		1 Lunar Month
1 Mausam		1 Native Month (29 to 31 days)
2 Mausams	1 Rretoo	The Native Season
6 Rretos	1 Waroosham	1 Year

TRAVANCORE WEIGHTS, &c

WEIGHTS OF COPPER, IRON, NUTS, PEPPER, &c

16	Meeshams	=	1 Pannam
10	Pannams		1 Callenjoo
16	Callenjoo		1 Pallam
100	Pallams		1 Tulam
20	Tulams		1 Pauram

WEIGHTS OF SUGAR, TOBACCO, OPIUM, &c

10	Meeshams	=	1 Pannam
10	Pannams		1 Callenjoo
21	Callenjoo		1 Pallam
5½	Pallams		1 Rautel
24	Rautels		1 Maund
150	do		1 Toontoo
4	Toontoo		1 Candy

WEIGHT OF SALT

1	Garce	=	120 Maunds
1	Maund		3 200 Tolas or Rupees
1	Parah		1,050 Tolas
1	Coomb		168,000 Tolas
1	Indian Maund		82½ lbs avoirdupois

MEASURE OF SALT

10	Edungalies	=	1 Parah
160	Parahs		1 Coomb

WEIGHTS, USED AT QUILON

3	Pallams	=	1 Seer
2	Seers		1 Rautel
20	Rautels		1 Tulam
28	do		1 Kutchu Maund.
30	do		1 Pucka do

GRAIN MEASURE, USED IN NAUDYNAAD

360	Grains of Paddy	=	1 Chevadoo.
5	Chevadoos		1 Allackoo
2	Allackoos		1 Olluck
4	Ollucks		1 Puddi
8	Puddies		1 Mercal
21	Mercals		1 Kotta.

TABLES OF MONEY.

BRITISH INDIAN CURRENCY

Rupce		Anas		Pice
1	=	16	=	192
		1		12

The Queen's Rupee weighs 180 grains or $\frac{1}{4}$ th of an ounce troy, and contains $\frac{1}{16}$ th, or 165 grains of pure silver, and $\frac{1}{16}$ th or 15 grains of alloy

32 Rupees weigh 1 lb troy 38 $\frac{1}{2}$ ths Rupee, 1 lb avoirdupois
Other silver coins of British Indian currency, bear in all respects a due proportion to the Rupee

TRAVANCORE CURRENCY

Rupce		Anandavayan Pannam		Cullian Pannam		Chuckram		Cash
1	=	8 $\frac{1}{2}$	=	7	=	28	=	448
		1		2		8		128
				1		4		64
						1		16

30 $\frac{1}{2}$ Chuckrams weigh 1 Queen's Rupee, consequently 1 Chuckram weighs very nearly 6 grains The silver of the Chuckram is 94.53125 per cent fine, and therefore 2.86459 or nearly 3 per cent. better than that of the Queen's Rupee, which is only 91 $\frac{1}{2}$ ds fine The established rate of exchange, viz 28 $\frac{1}{2}$ Chuckrams per Queen's Rupee, is therefore nearly 4 per cent. less than a fair equivalent

SIRKAR COCHIN CURRENCY *

Rupce		Vetrayan Pannam		Pooten		Pice
1	=	8 $\frac{1}{2}$	=	19 $\frac{1}{2}$	=	211 $\frac{1}{2}$
		1		5 $\frac{1}{2}$		60 $\frac{1}{2}$
				1		11

COINS CURRENT AT SPENCOTTAH

4 Pice	=	1 Theottoo
48 Theottoos	=	1 Rupee.
40 $\frac{1}{2}$ Pice	=	1 VellaPannam
192 Pice or 4 $\frac{1}{2}$ Vella Pannam (at the rate of)	=	1 Rupee
16 $\frac{1}{2}$ Vella Pannam for 1 Pagoda)		

* Current also in British Cochin.

Table No I

For converting Travancore to British Indian Currency

Travancore Currency			British Currency			Travan- core			Q. Rs. As			P - Q. Rs. Cha			C		
Rs	Cha	C	Rs	As	P	Rupces.											
"	"	1	"	"	0 42	1			0	15	8 68	0	28	0			
"	"	2	"	"	0 84	2			1	15	5 26	1	27	8			
"	"	3	"	"	1 26	3			2	15	1 89	2	27	0			
"	"	4	"	"	1 68	4			3	14	10 53	3	26	8			
"	"	5	"	"	2 11	5			4	14	7 16	4	26	0			
"	"	6	"	"	2 53	6			5	14	3 79	5	25	8			
"	"	7	"	"	2 95	7			6	14	0 42	6	25	0			
"	"	8	"	"	3 37	8			7	13	9 05	7	24	8			
"	"	9	"	"	3 79	9			8	13	5 68	8	24	0			
"	"	10	"	"	4 21	10			9	13	2 32	9	23	8			
"	"	11	"	"	4 63	11			10	12	10 95	10	23	0			
"	"	12	"	"	5 50	12			11	12	7 58	11	22	8			
"	"	13	"	"	5 47	13			12	12	4 21	12	22	0			
"	"	14	"	"	5 89	14			13	12	0 84	13	21	8			
"	"	15	"	"	6 32	15			14	11	9 47	14	21	0			
"	"	16	"	"	6 74	16			1	11	6 11	15	20	8			
"	"	17	"	"	1 1 47	17			10	11	2 74	16	20	0			
"	"	18	"	"	1 8 21	18			1	10	11 37	17	19	8			
"	"	19	"	"	2 2 9	19			18	10	8 00	18	19	0			
"	"	20	"	"	2 9 68	20			19	10	4 69	1	18	8			
"	"	21	"	"	3 4 42	30			29	7	6 95	29	3	8			
"	"	22	"	"	3 11 16	40			39	4	9 26	95	8	8			
"	"	23	"	"	4 5 89	50			49	1	11 58	46	3	8			
"	"	24	"	"	5 0 63	60			58	15	1 90	58	27	0			
"	"	25	"	"	7 3 37	70			68	12	4 21	68	22	0			
"	"	26	"	"	6 2 11	80			77	9	6 53	78	17	0			
"	"	27	"	"	6 8 84	90			88	6	8 84	88	12	0			
"	"	28	"	"	7 3 38	100			97	3	11 16	98	7	0			
"	"	29	"	"	7 10 32	200			196	7	10 32	196	14	0			
"	"	30	"	"	8 5 0	300			29	11	9 46	294	21	0			
"	"	31	"	"	8 11 79	400			392	15	8 64	392	28	0			
"	"	32	"	"	9 0 53	500			491	3	7 87	491	6	8			
"	"	33	"	"	10 1 26	600			589	7	6 91	589	13	8			
"	"	34	"	"	10 8 00	700			687	11	6 12	687	20	8			
"	"	35	"	"	11 2 74	800			785	15	5 27	785	27	8			
"	"	36	"	"	11 9 47	900			884	3	4 44	884	6	0			
"	"	37	"	"	12 4 21	1000			982	7	3 60	982	13	0			
"	"	38	"	"	12 10 9	2000			1964	14	7 20	1964	26	0			
"	"	39	"	"	13 5 68	3000			2947	5	10 86	2947	10	8			
"	"	40	"	"	14 0 42	4000			3929	13	2 46	3929	23	8			
"	"	41	"	"	14 7 16	5000			4912	4	6 00	4912	8	0			
"	"	42	"	"	15 1 89	6000			5894	11	9 60	5894	21	0			

Table No II

For converting British Indian to Travancore Currency

Q Rs	As. P	T Rs.	Chs	C
"	"	1	"	2 37
"	"	2	"	4 75
"	"	3	"	7 12
"	"	4	"	9 50
"	"	5	"	11 87
"	"	6	"	14 25
"	"	7	"	16 62
"	"	8	"	19 00
"	"	9	"	21 37
"	"	10	"	23 75
"	"	11	"	26 12
"	"	12	"	28 50
"	"	13	"	30 87
"	"	14	"	33 25
"	"	15	"	35 62
"	"	16	"	38 00
"	"	17	"	40 37
"	"	18	"	42 75
"	"	19	"	45 12
"	"	20	"	47 50
"	"	21	"	50 87
"	"	22	"	53 25
"	"	23	"	55 62
"	"	24	"	58 00
"	"	25	"	60 37
"	"	26	"	62 75
"	"	27	"	65 12
"	"	28	"	67 50
"	"	29	"	70 87
"	"	30	"	73 25
"	"	31	"	75 62
"	"	32	"	78 00
"	"	33	"	80 37
"	"	34	"	82 75
"	"	35	"	85 12
"	"	36	"	87 50
"	"	37	"	90 87
"	"	38	"	93 25
"	"	39	"	95 62
"	"	40	"	98 00
"	"	41	"	100 37
"	"	42	"	102 75
"	"	43	"	105 12
"	"	44	"	107 50
"	"	45	"	110 87
"	"	46	"	113 25
"	"	47	"	115 62
"	"	48	"	118 00
"	"	49	"	120 37
"	"	50	"	122 75
"	"	51	"	125 12
"	"	52	"	127 50
"	"	53	"	130 87
"	"	54	"	133 25
"	"	55	"	135 62
"	"	56	"	138 00
"	"	57	"	140 37
"	"	58	"	142 75
"	"	59	"	145 12
"	"	60	"	147 50
"	"	61	"	150 87
"	"	62	"	153 25
"	"	63	"	155 62
"	"	64	"	158 00
"	"	65	"	160 37
"	"	66	"	162 75
"	"	67	"	165 12
"	"	68	"	167 50
"	"	69	"	170 87
"	"	70	"	173 25
"	"	71	"	175 62
"	"	72	"	178 00
"	"	73	"	180 37
"	"	74	"	182 75
"	"	75	"	185 12
"	"	76	"	187 50
"	"	77	"	190 87
"	"	78	"	193 25
"	"	79	"	195 62
"	"	80	"	198 00
"	"	81	"	200 37
"	"	82	"	202 75
"	"	83	"	205 12
"	"	84	"	207 50
"	"	85	"	210 87
"	"	86	"	213 25
"	"	87	"	215 62
"	"	88	"	218 00
"	"	89	"	220 37
"	"	90	"	222 75
"	"	91	"	225 12
"	"	92	"	227 50
"	"	93	"	230 87
"	"	94	"	233 25
"	"	95	"	235 62
"	"	96	"	238 00
"	"	97	"	240 37
"	"	98	"	242 75
"	"	99	"	245 12
"	"	100	"	247 50
"	"	101	"	250 87
"	"	102	"	253 25
"	"	103	"	255 62
"	"	104	"	258 00
"	"	105	"	260 37
"	"	106	"	262 75
"	"	107	"	265 12
"	"	108	"	267 50
"	"	109	"	270 87
"	"	110	"	273 25
"	"	111	"	275 62
"	"	112	"	278 00
"	"	113	"	280 37
"	"	114	"	282 75
"	"	115	"	285 12
"	"	116	"	287 50
"	"	117	"	290 87
"	"	118	"	293 25
"	"	119	"	295 62
"	"	120	"	298 00
"	"	121	"	300 37
"	"	122	"	302 75
"	"	123	"	305 12
"	"	124	"	307 50
"	"	125	"	310 87
"	"	126	"	313 25
"	"	127	"	315 62
"	"	128	"	318 00
"	"	129	"	320 37
"	"	130	"	322 75
"	"	131	"	325 12
"	"	132	"	327 50
"	"	133	"	330 87
"	"	134	"	333 25
"	"	135	"	335 62
"	"	136	"	338 00
"	"	137	"	340 37
"	"	138	"	342 75
"	"	139	"	345 12
"	"	140	"	347 50
"	"	141	"	350 87
"	"	142	"	353 25
"	"	143	"	355 62
"	"	144	"	358 00
"	"	145	"	360 37
"	"	146	"	362 75
"	"	147	"	365 12
"	"	148	"	367 50
"	"	149	"	370 87
"	"	150	"	373 25
"	"	151	"	375 62
"	"	152	"	378 00
"	"	153	"	380 37
"	"	154	"	382 75
"	"	155	"	385 12
"	"	156	"	387 50
"	"	157	"	390 87
"	"	158	"	393 25
"	"	159	"	395 62
"	"	160	"	398 00
"	"	161	"	400 37
"	"	162	"	402 75
"	"	163	"	405 12
"	"	164	"	407 50
"	"	165	"	410 87
"	"	166	"	413 25
"	"	167	"	415 62
"	"	168	"	418 00
"	"	169	"	420 37
"	"	170	"	422 75
"	"	171	"	425 12
"	"	172	"	427 50
"	"	173	"	430 87
"	"	174	"	433 25
"	"	175	"	435 62
"	"	176	"	438 00
"	"	177	"	440 37
"	"	178	"	442 75
"	"	179	"	445 12
"	"	180	"	447 50
"	"	181	"	450 87
"	"	182	"	453 25
"	"	183	"	455 62
"	"	184	"	458 00
"	"	185	"	460 37
"	"	186	"	462 75
"	"	187	"	465 12
"	"	188	"	467 50
"	"	189	"	470 87
"	"	190	"	473 25
"	"	191	"	475 62
"	"	192	"	478 00
"	"	193	"	480 37
"	"	194	"	482 75
"	"	195	"	485 12
"	"	196	"	487 50
"	"	197	"	490 87
"	"	198	"	493 25
"	"	199	"	495 62
"	"	200	"	498 00
"	"	201	"	500 37
"	"	202	"	502 75
"	"	203	"	505 12
"	"	204	"	507 50
"	"	205	"	510 87
"	"	206	"	513 25
"	"	207	"	515 62
"	"	208	"	518 00
"	"	209	"	520 37
"	"	210	"	522 75
"	"	211	"	525 12
"	"	212	"	527 50
"	"	213	"	530 87
"	"	214	"	533 25
"	"	215	"	535 62
"	"	216	"	538 00
"	"	217	"	540 37
"	"	218	"	542 75
"	"	219	"	545 12
"	"	220	"	547 50
"	"	221	"	550 87
"	"	222	"	553 25
"	"	223	"	555 62
"	"	224	"	558 00
"	"	225	"	560 37
"	"	226	"	562 75
"	"	227	"	565 12
"	"	228	"	567 50
"	"	229	"	570 87
"	"	230	"	573 25
"	"	231	"	575 62
"	"	232	"	578 00
"	"	233	"	580 37
"	"	234	"	582 75
"	"	235	"	585 12
"	"	236	"	587 50
"	"	237	"	590 87
"	"	238	"	593 25
"	"	239	"	595 62
"	"	240	"	598 00
"	"	241	"	600 37
"	"	242	"	602 75
"	"	243	"	605 12
"	"	244	"	607 50
"	"	245	"	610 87
"	"	246	"	613 25
"	"	247	"	615 62
"	"	248	"	618 00
"	"	249	"	620 37
"	"	250	"	622 75
"	"	251	"	625 12
"	"	252	"	627 50
"	"	253	"	630 87
"	"	254	"	633 25
"	"	255	"	635 62
"	"	256	"	638 00
"	"	257	"	640 37
"	"	258	"	642 75
"	"	259	"	645 12
"	"	260	"	647 50
"	"	261	"	650 87
"	"	262	"	653 25
"	"	263	"	655 62
"	"	264	"	658 00
"	"	265	"	660 37
"	"	266	"	662 75
"	"	267	"	665 12
"	"	268	"	667 50
"	"	269	"	670 87
"	"	270	"	673 25
"	"	271	"	675 62
"	"	272	"	678 00
"	"	273	"	680 37
"	"	274	"	682 75
"	"	275	"	685 12
"	"	276	"	687 50
"	"	277	"	690 87
"	"	278	"	693 25
"	"	279	"	695 62
"	"	280	"	698 00
"	"	281	"	700 37
"	"	282	"	702 75
"	"	283	"	705 12
"	"	284	"	707 50
"	"	285	"	710 87
"	"	286	"	713 25
"	"	287	"	715 62
"	"	288	"	718 00
"	"	289	"	720 37
"	"	290	"	722 75
"	"	291	"	725 12
"	"	292	"	727 50
"	"	293	"	730 87
"	"	294	"	733 25
"	"	295	"	735 62
"	"	296	"	738 00
"	"	297	"	740 37
"	"	298	"	742 75
"	"	299	"	745 12
"	"	300	"	747 50
"	"	301	"	750 87
"	"	302	"	753 25
"	"	303	"	755 62
"	"	304	"	758 00
"	"	305	"	760 37
"	"	306	"	762 75
"	"	307	"	765 12
"	"	308	"	767 50
"	"	309	"	770 87
"	"	310	"	773 25
"	"	311	"	775 62
"	"	312	"	778 00
"	"	313	"	780 37
"	"	314	"	782 75
"	"	315	"	785 12
"	"	316	"	787 50
"	"	317	"	790 87
"	"</			

